

# COLLEGE OF EDUCATION, HEALTH AND HUMAN SERVICES

## College of Education Health and Human Services

408 White Hall  
Kent Campus  
330-672-2202  
ehhsdean@kent.edu  
www.kent.edu/ehhs

## Mission of the College

The mission of the College of Education, Health and Human Services is to advance knowledge through innovative research and student-centered learning by engaging with diverse communities to improve well-being across the lifespan.

The college offers more than two dozen distinctive programs that lead to the degrees of Bachelor of Science, Bachelor of Science in Education, Master of Arts, Master of Arts in Teaching, Master of Education, Educational Specialist, Doctor of Education and Doctor of Philosophy.

## Schools

- School of Foundations, Leadership and Administration
- School of Health Sciences
- School of Lifespan Development and Educational Sciences
- School of Teaching, Learning and Curriculum Studies

## Undergraduate Programs

- American Sign Language/English Interpreting - B.S.
- Athletic Training - B.S.
- Career and Community Studies - non-degree
- Career and Community Studies-College Preparation (Non-degree)
- Career and Community Studies-Employment Readiness (Non-degree)
- Community Health Education - B.S.
- Early Childhood Education - B.S.E.
- Earth Science - B.S.E.
- Exercise Science - B.S.
- Hospitality and Event Management - B.S.
- Human Development and Family Science - B.S.
- Integrated Health Studies - B.S.
- Integrated Language Arts - B.S.E.
- Integrated Mathematics -B.S.E.
- Integrated Science - B.S.E.
- Integrated Social Studies - B.S.E.
- Life Science - B.S.E.
- Life Science/Chemistry - B.S.E.
- Long-Term Care Administration - B.S.
- Middle Childhood Education - B.S.E.
- Nutrition - B.S.
- Physical Education and Sport Performance - B.S.

- Physical Science - B.S.E.
- Professional Studies - B.S.
- Recreation, Park and Tourism Management - B.S.
- School Health Education - B.S.E.
- Special Education - B.S.E.
- Speech Pathology and Audiology - B.S.
- Sport Administration - B.S.
- Sport, Exercise and Performance Psychology - B.S.
- Sports Medicine - B.S.

## Minors

- Athletic Coaching
- Autism Spectrum Disorders
- Community Health Education
- Disability Studies and Community Inclusion
- Early Intervention
- Education
- Esports
- Event Planning
- Gerontology
- Hospitality and Event Management
- Human Development and Family Science
- Human Sexuality
- International Family Science
- Mild to Moderate Special Education
- Nonprofit Studies
- Park Management
- Recreation Management
- Speech Pathology and Audiology
- Sport Administration
- Sport, Exercise and Performance Psychology
- Sports Medicine: Administration
- Sports Medicine: General Medical and Emergency Care
- Sports Medicine: Orthopedic Patient Care
- Teaching and Learning with Technology
- Tourism Management

## Graduate Programs

- Athletic Training - M.S.
- Audiology - M.A.
- Audiology - Au.D.
- Audiology - Ph.D.
- Career - Technical Teacher Education - M.Ed.
- Clinical Mental Health Counseling - M.Ed.
- Clinical Rehabilitation Counseling - M.Ed.
- Communication Sciences and Disorders - Ph.D.
- Counseling - Ed.S.
- Counselor Education and Supervision - Ph.D.
- Cultural Foundations - M.A.
- Cultural Foundations - M.Ed.
- Cultural Foundations - Ph.D.
- Curriculum and Instruction - M.Ed.

- Curriculum and Instruction - Ed.S.
- Curriculum and Instruction - Ph.D.
- Early Childhood Education - M.A.T.
- Early Childhood Education - M.Ed.
- Educational Leadership K-12 - M.Ed.
- Educational Leadership K-12 - Ed.S.
- Educational Leadership K-12 - Ph.D.
- Educational Psychology - M.Ed.
- Educational Technology - M.Ed.
- Exercise Physiology - M.S.
- Exercise Physiology - Ph.D.
- Health Education and Promotion - M.Ed.
- Health Education and Promotion - Ph.D.
- Higher Education Administration - Ph.D.
- Higher Education Administration and Student Affairs - Ed.S.
- Higher Education Administration and Student Affairs - M.Ed.
- Hospitality and Tourism Management - M.S.
- Human Development and Family Science - M.A.
- Interprofessional Leadership - Ed.D.
- Learning Science - M.A.
- Learning Science - Ph.D.
- Nutrition - M.S.
- Reading Specialization - M.Ed.
- Research, Measurement and Statistics - M.Ed.
- Research, Measurement and Statistics - Ph.D.
- School Counseling - M.Ed.
- School Psychology - M.Ed.
- School Psychology - Ed.S.
- School Psychology - Ph.D.
- Secondary Education - M.A.T.
- Special Education - M.Ed.
- Special Education - Ed.S.
- Special Education - Ph.D.
- Speech Language Pathology - M.A.
- Sport Administration - M.A.

## Certificates

### Undergraduate Certificates

- Addictions Counseling
- Alcohol, Tobacco and Other Drug Prevention
- Career-Technical Teacher Education
- Deaf Education Multiple Disabilities
- Event Management
- Hospitality Management
- Teaching and Learning with Technology

### Graduate Certificates

- Addictions Counseling
- Autism Spectrum Disorders
- Behavioral Intervention Specialist
- Career and Academic Advising
- Career-Technical Teacher Education

- College Teaching
- Community College Leadership
- Deaf Education Multiple Disabilities
- Disability Studies and Community Inclusion
- Early Intervention
- Gerontology
- Institutional Research and Assessment
- Internationalization of Higher Education
- Nursing Home Administration
- Ohio Superintendent's Licensure
- Online and Blended Learning
- Qualitative Research

## Licensure/Endorsement Programs - Non-Degree

### Undergraduate

- Middle Childhood Generalist Science (4-6) Endorsement Preparation
- Middle Childhood Generalist Social Studies (4-6) Endorsement Preparation

### Graduate

- Adapted Physical Education Endorsement Preparation
- Alternative Licensure Professional Development Institute, English/ Language Arts
- Alternative Licensure Professional Development Institute, Mathematics
- Alternative Licensure Professional Development Institute, Science
- Alternative Licensure Professional Development Institute, Social Studies
- American Sign Language/English Interpreting Licensure Preparation
- Career-Based Intervention Endorsement Preparation
- Computer Science Endorsement Preparation
- Computer Technology Endorsement Preparation
- Early Childhood Education (P-5) Additional Licensure Preparation
- Early Childhood Education Pre-Kindergarten (3-5 years) Endorsement Preparation
- Gifted Education Endorsement Preparation
- Integrated Language Arts Additional Licensure Preparation
- Integrated Mathematics Additional Licensure Preparation
- Integrated Science Additional Licensure Preparation
- Integrated Social Studies Additional Licensure Preparation
- Middle Childhood Education (4-9) Language Arts/Reading and Mathematics Initial Licensure Preparation
- Middle Childhood Education (4-9) Language Arts/Reading and Science Initial Licensure Preparation
- Middle Childhood Education (4-9) Mathematics and Science Initial Licensure Preparation
- Middle Childhood Education (4-9) Mathematics and Social Studies Initial Licensure Preparation
- Middle Childhood Education (4-9) Social Studies and Language Arts/ Reading Initial Licensure Preparation
- Middle Childhood Education (4-9) Social Studies and Science Initial Licensure Preparation

- Middle Childhood Education–Language Arts and Reading (4-9) Additional Licensure Preparation
- Middle Childhood Education–Mathematics (4-9) Additional Licensure Preparation
- Middle Childhood Education–Science (4-9) Additional Licensure Preparation
- Middle Childhood Education–Social Studies (4-9) Additional Licensure Preparation
- Principal Grades 4-9 Licensure Preparation
- Principal Grades 5-12 Licensure Preparation
- Principal Grades PK-6 Licensure Preparation
- Reading Endorsement Preparation
- School Health Education (P-12) Additional Licensure Preparation
- Special Education Deaf Education Additional Licensure Preparation
- Special Education Deaf Education Initial Licensure Preparation
- Special Education Early Childhood (PK-5) Additional Licensure Preparation
- Special Education Early Childhood (PK-5) Initial Licensure Preparation
- Special Education Mild/Moderate Needs Additional Licensure Preparation
- Special Education Mild/Moderate Needs Initial Licensure Preparation
- Special Education Moderate/Intensive Needs Additional Licensure Preparation
- Special Education Moderate/Intensive Needs Initial Licensure Preparation
- Special Education Pre-K Special Needs Endorsement Preparation
- Special Education Transition-to-Work Endorsement Preparation

## College Policies

### EHHS General

The non-degree EHHS General category is intended for students who are exploring programs in EHHS and are not yet ready to declare a major or do not meet the criteria for their intended major. Because a degree cannot be earned while in EHHS General, it is important that students declare a major before earning 45 credit hours to facilitate timely progress toward a degree. Students will not be permitted to continue in EHHS General after accumulating 45 credit hours.

### Repeating Field Experience Courses in Teacher Education Programs

Teacher candidates are permitted to repeat a field experience course once (see major requirements for specific courses). If a teacher candidate is unsuccessful in completing OR fails to earn the required grade in a field experience course the first time, the teacher candidate will receive a warning and will be required to work with a faculty advisor in their academic unit to develop a plan for continuation. The required grade is a C or better in a course that awards a letter grade, or Satisfactory (S) in a course that awards an S/U grade. The plan will include all actions necessary to continue in current program, the opportunity to declare a different program, a timeline of when actions should occur, and next steps if actions are not followed. If the teacher candidate does not earn the required grade in the field experience course the second time, a hold will be placed on their account, preventing them from registering for classes until they change their major out of the education program.

## Residence Requirement Policy for Non-Degree Teacher Education Licensure/Endorsement Preparation Programs

- Non-degree licensure (initial and additional) and endorsement programs that are a total of 15 credits or above: Students must complete 60% of the coursework at Kent State University, including the course that addresses the CAEP A.1.1 Standard as designated by the program area.
- Non-degree licensure (initial and additional) and endorsement programs that are less than 15 total credits: Students must complete 100% of the coursework at Kent State University.
- Students are permitted 6 years to complete licensure programs and 4 years to complete endorsement programs at Kent State University.
- Coursework transferred from another university cannot be more than 6 years old at the time the licensure/endorsement program is completed.
- Students who do not meet the residence requirements will not be recommended for licensure by Kent State University.

## Professional Dispositions for Teacher Candidates

Professional dispositions are the professional attitudes, values, and beliefs demonstrated through both verbal and non-verbal behaviors as educators interact with students, families, colleagues, faculty, and communities. The teacher education faculty believe that the following dispositions support student learning and development. Therefore teacher candidates are expected to demonstrate:

- Communication and Collaboration
- Fairness and Equity
- Ethical Behavior
- Professional Responsibility

These dispositions are assessed at least three times in a candidate's program:

- Education in a Democratic Society course,
- a methods course with a field component, and
- student teaching.

In addition, a disposition assessment may be completed by a faculty member at any time a situation calls for it. A disposition is considered 'acceptable' if a candidate does not have an outstanding Professional Disposition Plan (PDPs) that requires improved performance in specified areas. A candidate may not progress through the teacher education program if they have any PDPs submitted and unresolved at the following three points:

- Applying for advanced study: If a student has an outstanding PDP at the time of application, a student will not be able to apply for advanced study until the PDP is rectified.
- Prior to the student teaching semester: All outstanding PDPs must be completed and cleared prior to the start of student teaching.
- End of student teaching semester: A student with an outstanding PDP during the student teaching semester will not successfully pass student teaching.

## Professional Education Warning

Professional Education Warning for students in teacher licensure programs and the Community Health Education major must have a minimum 2.75 GPA to progress in their programs and ultimately graduate. Unless other factors are present, students who do not meet the prescribed conditions are required to transfer out of their declared major. An appeal of this decision is directed to the associate dean of undergraduate student services, College of Education, Health and Human Services, 304 White Hall.

## Background Checks for Teacher Licensure Candidates

For field experience, student teaching and any culminating internship in teacher education that requires candidates to be placed within a school or agency ("school/agency") setting, the college requires candidates to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school/agency before the beginning of the field experience or the first day of the semester in which the student teaching/internship will take place. Authorized school/agency personnel will determine whether a candidate may participate in fieldwork in that setting. The BCII and FBI background checks are good for one year and are mandatory for licensure application. Electronic fingerprinting is available for BCII and FBI in 221 White Hall and should be completed at least two months prior to field experience/student teaching/culminating internship. Regional campus students should contact their Regional Campus coordinator to identify fingerprinting availability at each campus. Candidates are responsible for fees incurred for this requirement. For more information on this policy, contact the Director of Clinical Field Experience in 304 White Hall. Visit the Ohio Department of Education (ODE) website at [www.ode.state.oh.us](http://www.ode.state.oh.us) for more information about background check requirements for educators in Ohio. Contact the Office of Professional Conduct at the ODE for specific information about the results of the background check.

## Student Teaching

The application for student teaching is completed online through the College of Education, Health and Human Services' student portal. Students will be required to complete the application during specified windows posted on the Vacca Office of Student Services' (VOSS) website. Application windows will typically be accessible during the months of October and November in the fall semester and March and April in the spring semester. Failure to complete the application and submit the prerequisite training documents within the designated time frame may delay the student teaching placement. Depending on the program area, students will apply either 2 or 3 semesters prior to their anticipated student teaching semester. Students should meet with their academic advisor for details on which semester to apply.

Once the application is submitted, VOSS staff (or appropriate regional campus staff) will determine eligibility by reviewing coursework, GPA, disposition assessments, and other program area requirements. Specifically, staff will review the following:

- Coursework – aside from student teaching and inquiry seminar, all coursework in the program of study must be completed with the minimum grade required in each course (i.e., a 'C' or higher in a course where the program requirements prescribe a minimum grade of C).

- GPA – confirmation that the applicant has a 2.75 cumulative GPA or higher and meets the minimum major GPA required for their program as listed in the university catalog.
- Disposition Assessments – no outstanding Professional Disposition Plans (PDPs) are permitted. An applicant with an outstanding PDP must have it cleared before beginning student teaching.
- Program Area Requirements – applicant must have completed all program requirements for their major that are outlined and specified in the university catalog.

Students should meet with their faculty and/or academic advisor in VOSS for any clarifications. Written notification of eligibility will be emailed to each applicant.

Those eligible for student teaching are required to attend a mandatory meeting where additional information about student teaching is provided. Failure to attend this meeting may result in a delay of student teaching. Placement forms, distributed at this meeting, need to be completed by the deadline.

The Clinical Experience Office will make the final decision about the placement site for the Kent Campus. Placement decisions at the Regional Campuses are made by the designated placement officer at each campus. Candidates are not to contact schools or potential mentors directly to make their own arrangements. Placements are generally made within a 50 mile radius of Kent State University. Student teaching is a full-time commitment and candidates are expected to follow the schedule of the cooperating teacher.

## Education Licensure Application

Students in the teacher education programs must apply for State of Ohio Licensure within 12 months of program completion (defined by completion of all licensure program requirements) . After 12 months, applicants must meet State approved program/licensure requirements that are in effect at the time of application. This means that students who apply after the 12 month deadline may have to take additional coursework if the content, methods courses, program requirements, or licensure requirements have changed from the catalog in force.

If a student does not apply for their license within 6 years, they are subject to any additional state licensure requirements and are also subject to additional coursework based on changes in areas such as content, age of coursework and changes in program requirements. A minimum of 9 credit hours will be required to apply for licensure after 6 years of program completion.

## Admission GPA for Undergraduate Students

For admissions, the College of Education, Health and Human Services considers a student to have established a Kent State University GPA after the student has successfully completed a minimum of 12 Kent State University credit hours. Undergraduate students who have not completed a minimum of 12 Kent State University credit hours will be evaluated for admission into programs, Advanced Study, and the Professional phase based on their high school GPA for new freshmen, or transfer GPA for transfer students. Once a student has successfully completed a minimum of 12 Kent State University credit hours, only the student's Kent State cumulative GPA will be considered for admission into a program, Advanced Study, and Professional Phase.

Students who have completed 12 or more credit hours of previous college-level coursework, either at Kent State University or at another accredited institution, need an overall GPA of 2.00 or higher to declare a College of Education, Health and Human Services majors, minors or certificates unless a higher minimum GPA is specified by the program. See specific programs in this catalog for more information on required minimum GPA to declare. Non-degree EHHS General can be declared without a minimum 2.00 overall GPA.

Transfer applicants who have completed fewer than 12 semester hours of college-level coursework will be evaluated on both collegiate and high school records.

## Undergraduate Graduation Requirements

- Students declared in a teacher licensure major or minor must earn a minimum C grade in all major/minor and professional coursework.
- Students declared in the Education minor must earn minimum 2.500 content GPA.
- Students may apply a maximum 4 credit hours of Physical Activity, Wellness and Sport (PWS) courses toward their degree.
- Students may apply a maximum of 4 credit hours of variable-titled workshop (xxx93) toward an undergraduate degree. Identical workshop topics that are repeated for credit will not count towards graduation requirements. All workshops are graded S/U (satisfactory/unsatisfactory). Some program areas may be more restrictive. Students are advised to consult their program regarding application of workshop credit toward degree requirements.

To see graduation requirements for a specific program, please select a major from the undergraduate program listing.

## Requirements for Admission to Advanced Study

Admission to advanced study is required of all teacher education initial licensure majors and minors prior to enrolling in upper-division education courses. Upon completion of coursework as determined by program area, students should have satisfied the prerequisites for admission to advanced study. Students must submit an application for advanced study by the second Friday of the term during which all prerequisites for advanced study will be completed, and at least one semester prior to beginning any coursework for which "Admission to Advanced Study" is a prerequisite. All students apply for Advanced Study through the College of Education, Health and Human Services Student Portal which can be accessed through the Vacca Office of Student Services web page. Students in teacher education majors and minors must be officially admitted to advanced study to take upper-division professional coursework.

Please note: Admission to advanced study is required for students pursuing an undergraduate major that leads to initial teacher licensure, with the exception of Trade and Industrial Education majors who obtained initial licensure through the Alternative Resident Educator Licensure Program (teachers recruited from business and industry).

## Requirements for Admission to Advanced Study

To manage enrollment and deliver high-quality programs, the faculty will select the most qualified applicants for admission based upon evaluation of academic success (cumulative GPA) at Kent State University, non-academic criteria and other specific program criteria.

Please be aware that reapplication may be necessary if postponing advanced study coursework or if withdrawn for one year or more.

### College Writing

- Students are required to attain minimum C grade in each writing course (ENG 11011 and ENG 21011 or equivalent) (Integrated Language Arts majors must attain minimum B grade).

### Mathematics

- The following courses must be completed with minimum C grade for the majors Early Childhood Education, Middle Childhood Education and Special Education:
  - MATH 14001
  - MATH 14002
- The following courses must be completed with a minimum C grade for Integrated Mathematics majors:
  - MATH 12002
  - MATH 12003
- In addition, a minimum 2.600 overall GPA in math content coursework is required.

### Pre-Advanced Study Coursework

- To be eligible for advanced study, students must earn a minimum C grade in CULT 29535 and minimum C grade in **one** of the following courses (please note that a minimum C grade must be earned in both courses for teacher licensure programs):
  - EPSY 29525 (note: Middle Childhood Education majors must earn a minimum C grade in this course to be eligible for Advanced Study)
  - SPED 23000
- Early Childhood Education majors must earn a minimum C grade in ECED 10120 to be eligible for advanced study.
- Middle Childhood Education majors must earn a minimum C grade in MCED 20000 to be eligible for advanced study.
- Middle Childhood Education majors must complete at least 50% of content area coursework from each concentration (with a C or better) to be eligible for advanced study. Students should meet with their advisor.
- Adolescence/Young Adult Programs: majors must earn a minimum grade of C in ADED 20000 to be eligible for Advanced Study.

### Grade Point Average

All students must show evidence of a minimum 2.750 cumulative GPA, with additional conditions for the following majors:

- Adolescence/Young Adult Programs: A minimum 2.600 GPA in the chosen adolescence/young adult content area is required for admission to advanced study, student teaching and graduation. A minimum C grade is required in each course within the content area. The following majors are affected: Earth Science, Integrated Language Arts, Integrated Mathematics, Integrated Science, Integrated Social Studies, Life Science, Life Science/Chemistry and Physical Science.
- For minimum GPA criteria for Art Education and Music Education, please see Requirements for Admission to Advanced Study for Art Education and Music Education in the College Policies section for the College of the Arts in the University Catalog.
- Education Minor: Students in a program eligible to declare the Education minor must achieve a minimum 2.500 GPA overall and content to declare the Education minor, be admitted to advanced

study, participate in student teaching and be recommended for licensure.

All GPA requirements must be met at the time of application.

### Disposition Assessment/Professional Disposition Plans (PDPs)

Students are required to have completed all professional dispositions plan (PDPs) at the time of application to be eligible for advanced study.

### Advising Appointment

All College of Education, Health and Human Services students must have regular advising appointments with their professional advisor in the Vacca Office of Student Services (or Regional Campus advising office if completing the program at that campus) as required by University Advising. Advising appointments at the Kent Campus are made through the Vacca Office of Student Services' website at [www.kent.edu/ehhs/voss](http://www.kent.edu/ehhs/voss).

### Teacher Candidate Acknowledgments and Legal Questions for Licensure

Candidates are required to electronically sign five statements acknowledging that they have read and understand the following areas: background check requirements, professional dispositions, licensure application information, legal questions asked on the licensure application, and teacher education handbook information. Statements can be found on the student portal.

## Graduate Certificate Policy for the College of Education, Health and Human Services

- Students seeking a graduate certificate must maintain a minimum 3.000 grade point average. A graduate certificate student who receives a combination of more than 8 credit hours of B- or lower grades, or more than 4 credit hours of grades lower than C is subject to dismissal. Students who are unable to maintain academic standards of the College are subject to dismissal for academic reasons. Grades of C- or below are not counted toward completion of the certificate.
- Certificates must be completed within six years after the first graduate enrollment.
- No more than 2 credit hours of workshop may be used toward a certificate.
- Before being eligible to be awarded a Certificate, students must be admitted to the Certificate program.
- Students currently in a graduate degree program may also apply to a certificate program. Their degree seeking coursework may be applied to the certificate coursework with advisor approval. The courses must be completed within six years and satisfy certificate course requirements.
- Students who have a previous graduate degree and are not currently seeking another graduate degree may transfer a maximum 6 credit hours with advisor approval. These credits may include hours from another KSU program, or from another accredited institution, if the following conditions are met: (1) courses were at the graduate level; (2) a grade of "A" or "B" was earned; (3) credit will be less than six years old at the time the certificate is conferred at Kent; and (4) student was admitted as a graduate student at the time the course was taken.
- Some program areas may be more restrictive. Students are advised to consult their program.

## College of Education, Health and Human Services Faculty

### School of Foundations, Leadership and Administration Faculty

- Boske, Christa A. (2008), Professor, Ed.D., Northern Illinois University, 2006
- Chuang, Ning Kuang (2005), Associate Professor, Ph.D., Texas Tech University, 2005
- Clark, Debra L. (1995), Professor, Ph.D., Kent State University, 2003
- Damrow, Amy (2014), Associate Professor, Ph.D., Michigan State University, 2011
- Dees, David M. (1991), Associate Professor, Ph.D., Kent State University, 2000
- Devine, Mary Ann (1997), Professor, Ed.D., University of Georgia, 1997
- Eckert, Erica L. (2003), Assistant Professor, Ph.D., Kent State University, 2012
- Eith, Andrew S. (2014), Lecturer, New England Culinary Institute, 2013
- Hall, Kayon (2022), Assistant Professor, Ph.D., Michigan State University, 2021
- Hudson, Tara D. (2017), Associate Professor, Ph.D., North Carolina State, 2015
- Kosmidis, Aryn C. (2010), Associate Professor, Ph.D., The Ohio State University, 2010
- Lee, Kiwon (2017), Associate Professor, Ph.D., Penn State University, 2013
- Lepp, Andrew P. (2004), Professor, Ph.D., University of Florida, 2004
- Levinson, Natasha (1997), Associate Professor, Ph.D., University of Illinois, Urbana-Champaign, 2001
- Li, Ji-Ann (2012), Professor, Ph.D., The Ohio State University, 2012
- Lyberger, Mark R. (1996), Professor, Ph.D., The Ohio State University, 1996
- Merrill, Martha C. (2008), Professor, Ph.D., University of Michigan-Ann Arbor, 1982
- Mulrooney, Aaron L. (1992), Associate Professor, J.D., University of Akron, 1990
- Niesz-Kutsch, Tricia (2004), Professor, Ph.D., University of Pennsylvania, 2003
- Parr, Mary G. (1992), Professor, Ph.D., University of Illinois-Urbana, Champaign, 1992
- Porter, Christa J. (2017), Associate Professor, Ph.D., University of Georgia, 2013
- Pringle, Eboni J. , Assistant Professor, Ph.D., Kent State University, 2014
- Ray-Tomasek, Jennifer L. (1998), Assistant Professor, Ph.D., Kent State University, 2004
- Sambolin Morales, Astrid N. (2022), Assistant Professor
- Schenker, Jason D. (2000), Professor, Ph.D., Kent State University, 2007
- Walton-Fisette, Theresa A. (2003), Professor, Ph.D., University of Iowa, 2002
- Wang, Philip C. (1990), Associate Professor, Ph.D., Pennsylvania State University, 1991
- Yim, Hyong Il (2015), Associate Professor, Ph.D., University of Georgia, 2015

## School of Health Sciences Faculty

- Anderson, Alyssa (2023), Assistant Professor, Ph.D., University of North Carolina at Raleigh, 2023
- Arnold, Hayley S. (2010), Associate Professor, Ph.D., Vanderbilt University, 2007
- Audet, Lisa R. (1995), Assistant Professor, Ph.D., Kent State University, 2000
- Axiotis, Irene R. (1985), Professor, Ph.D., Kent State University, 1996
- Backus, Angela S. (2003), Professor, Ph.D., Kent State University, 2010
- Baker, Emily A. (2012), Lecturer, M.S., Case Western Reserve, 2001
- Barikoo, Ali (2017), Associate Professor, Ph.D., University of Florida, 2017
- Barkley, Jacob E. (2006), Professor, Ph.D., University at Buffalo, SUNY, 2007
- Berk, Lynn V. (2008), Senior Lecturer, M.A., Cleveland State University, 1981
- Bernert, Donna J. (2007), Associate Professor, Ph.D., Southern Illinois University, 2005
- Blakely, Carmen M. (2007), Associate Professor, Ed.D., AT Still University, 2020
- Caine-Bish, Natalie L. (1997), Associate Professor, Ph.D., Kent State University, 2002
- Ding, Kele (2005), Professor, Ph.D., Indiana University-Bloomington, 2000
- Durant, Kathleen M. (2019), Assistant Professor, Ph.D., University Of Memphis, 2017
- Falcone, Tanya R. (2007), Associate Lecturer, M.S., Kent State University, 2009
- Forbes, Myrna A. (1998), Senior Lecturer, Au.D., University of Florida, 2005
- Glickman, Ellen L. (1995), Professor, Ph.D., University of Pittsburgh, 1988
- Grogan-Johnson, Susan L. (1988), Professor, Ph.D., Kent State University, 1993
- Ha, Eun-Jeong (2004), Professor, Ph.D., The Ohio State University, 1999
- Hale, Catherine C. (2000), Senior Lecturer, M.S., Indiana University, Bloomington, 1995
- Harnar, Hannah M. (2011), Assistant Professor, M.S., Kent State University, 2013
- Huston, Jeffery L. (2007), Professor, Ed.D., Capella University, 2017
- Huyck, Julia J. (2013), Associate Professor, Ph.D., Northwestern University, 2010
- Jajtner, Adam (2016), Associate Professor, Ph.D., University of Central Florida, 2016
- Jonas, Jay C. (2006), Professor, Ph.D., Kent State University, 2018
- Kingsley, J. Derek (2013), Associate Professor, Ph.D., Florida State University, 2009
- Kolonich, Erin M. (2017), Associate Lecturer, George Washington University, 2001
- Krumm, Mark P. (2005), Associate Professor, Ph.D., Wichita State University, 1990
- Magee, Meghan K. (2023), Assistant Professor, Ph.D., George Mason University, 2023
- Malone, Megan (2012), Associate Lecturer, M.A., Case Western Reserve University, 2000
- Matthews, Jamie C. (2014), Associate Lecturer, M.S., Kent State University, 2004
- McDaniel, John (2011), Professor, Ph.D., University of Utah, 2009
- Miracle, Amy L. (2012), Associate Professor, Ph.D., University of Nevada-Las Vegas, 2013
- Mussoi, Bruna (2017), Assistant Professor, Ph.D., University of Iowa, 2016
- O'Flannigan, Cara M. (2016), Associate Lecturer, M.A., Case Western Reserve University, 2007
- Peer, Kimberly S. (1999), Professor, Ed.D., University of Akron, 2001
- Ridgel, Angela L. (2008), Professor, Sc.D., Marshall University, 2000
- Roche, Jennifer M. (2014), Associate Professor, Ph.D., University of Memphis, 2011
- Tribuzi, Scot B. (2006), Professor, Ph.D., Kent State University, 2015
- Visker, Jennifer N. (2016), Associate Lecturer, M.A., Case Western Reserve University, 2001
- Wagner, Laurie M. (1997), Associate Professor, Ph.D., Kent State University, 2008

## School of Lifespan Development and Educational Sciences Faculty

- Alexander, Donna C. (2008), Associate Lecturer, M.B.A., Ashland University, 2004
- Anhalt, Karla (2003), Professor, Ph.D., West Virginia University, 2000
- Balan, Christine M. (1986), Professor, Ph.D., Kent State University, 1994
- Barber, Brian R. (2013), Associate Professor, Ph.D., University of Florida, 2013
- Bedesem, Pena L. (2010), Associate Professor, Ph.D., University of Central Florida, 2010
- Bergh, Kathleen A. (2000), Senior Lecturer, M.Ed., University of Akron, 1985
- Blankemeyer, Maureen S. (1996), Associate Professor, Ph.D., Oklahoma State University, 1996
- Borriello, Giulia A. (2023), Assistant Professor, Ph.D., Pennsylvania State University, 2018
- Burgess, Sloane R. (2008), Associate Professor, Ph.D., Case Western Reserve University, 2007
- Chen, Ching-I (2014), Associate Professor
- Cichy, Kelly E. (2008), Professor, Ph.D., Pennsylvania State University, 2007
- Cimera, Robert E. (2007), Professor, Ph.D., University of Illinois-Urbana, Champaign, 1998
- Cowan, Richard J. (2003), Associate Professor, Ph.D., University of Nebraska, 2003
- Cureton, Jenny (2016), Associate Professor, Ph.D., University of Northern Colorado, 2016
- Erby, Adrienne (2021), Assistant Professor, Ph.D., University of North Carolina-Charlotte, 2014
- Guillot-Miller, Lynne M. (2003), Associate Professor, Ph.D., University of New Orleans, 2003
- Harjusola-Webb, Sanna M. (2006), Associate Professor, Ph.D., University of Kansas, 2006
- Jencius, Martin J. (2000), Associate Professor, Ph.D., University of South Carolina, 1996

- Jones, Samantha K. (2020), Assistant Professor, M.A., Kent State University, 2015
- Kenyon, Cynthia (2009), Associate Professor, Ph.D., Kent State University, 2018
- Krise, Olivia B. (2003), Lecturer, M.Ed., Kent State University, 2012
- Kritzer, Karen (2007), Associate Professor, Ph.D., University of Pittsburgh, 2007
- Liou, Chih-Ling (2014), Associate Professor, Ph.D., Virginia Polytechnic Institute and State University, 2011
- Lockwood, Adam B. (2021), Assistant Professor, Ph.D., Northern Arizona University, 2015
- Manring, Danielle E. (2013), Lecturer, M.Ed., Kent State University, 2019
- McCartney, Jamie L. (2007), Associate Professor, Ph.D., University of Akron, 2004
- Miller, Jennifer L. (2016), Associate Lecturer, M.Ed., Kent State University, 2019
- Moore, Alma J. (2012), Assistant Professor, Ph.D., Kent State University, 2019
- Morris, Bradley J. (2012), Professor, Ph.D., The Ohio State University, 1998
- Osborn, Cynthia J. (1997), Professor, Ph.D., Ohio University, 1996
- Pieper, Alicia (1969), Assistant Professor, M.A., Kent State University, 1968
- Rainey, John S. (2002), Assistant Professor, Ph.D., Texas A&M University, 2001
- Salpietro, Lena (2023), Assistant Professor, Ph.D., University of Toledo, 2020
- Sansosti, Frank J. (2006), Professor, Ph.D., University of South Florida, 2005
- Smith, Gregory C. (2001), Professor, Ph.D., University of Rochester, 1983
- Stevenson, Nathan (2015), Associate Professor, Ph.D., Michigan State University, 2015
- Storlie, Cassandra A. (2013), Associate Professor, Ph.D., University of Iowa, 2013
- Tankersley, Melody J. (1993), Professor, Ph.D., University of Virginia, 1992
- Tobias, Scott A. (2009), Associate Professor, D.Sci., University of Missouri, 2009
- Toepfer, Steven M. (2004), Associate Professor, Ph.D., The Ohio State University, 2001
- Unger, Darlene D. (2016), Professor, Ph.D., Virginia Commonwealth University, 2001
- Walker, Kathleen K. (2002), Associate Professor, Ph.D., Kansas State University, 2002
- Waugh, Jennifer A. (2012), Assistant Professor, Ph.D., Kent State University, 2019
- Wiley, Andrew L. (2008), Associate Professor, Ed.D., University of Virginia, 2008
- Zhang, Jing (2018), Assistant Professor, Virginia Tech, 2012

## School of Teaching, Learning and Curriculum Studies Faculty

- Bintz, William P. (2004), Professor
- Borgerding, Lisa (2007), Professor, Ph.D., Indiana University, Bloomington, 2007
- Caniglia, Joanne C. (2008), Professor, Ph.D., Kent State University, 1994
- Courtney, Scott A. (2010), Associate Professor, Ph.D., Arizona State University, 2010
- Crowe, Alicia R. (2001), Professor, Ph.D., Vanderbilt University, 2001
- Durham, Brian S. (2022), Assistant Professor, Ph.D., Michigan State University, 2021
- Eckert, Kevin (2015), Associate Lecturer, M.Ed., Kent State University, 2017
- Ellison, Douglas (2017), Associate Professor, Ph.D., University of Illinois, Urbana-Champaign, 2016
- Ferdig, Richard E. (2009), Professor, Ph.D., Michigan State University, 2000
- Gandolfi, Enrico (2015), Associate Professor, Ph.D., Sapienza University of Rome, 2014
- Gruhler, Danielle M. (1999), Professor, Ph.D., Kent State University, 2004
- Guivernau, Marta (2007), Assistant Professor, Ph.D., Purdue University, 1999
- Hannon, James C. , Professor
- Hawley, Todd (2008), Professor, Ph.D., University of Georgia, 2008
- Heron, Michele L. (2004), Associate Professor, Ph.D., Kent State University, 2010
- Hollstein, Matthew S. (2015), Associate Professor, Ph.D., Ohio University, 2015
- Hutchins, Pamela K. (1993), Associate Lecturer, M.Ed., Kent State University, 1992
- Hylton, Rhonda (2018), Assistant Professor, Ph.D., Kent State University, 2020
- Irving, Sonya E. (2013), Associate Professor, Ph.D., University of Illinois, Urbana-Champaign, 2014
- Kamberelis, George , Professor
- Kenyon, Elizabeth (2015), Associate Professor, Ph.D., Michigan State University, 2015
- Kim, Insook (2012), Associate Professor, Ph.D., The Ohio State University, 2011
- Kirin, Melanie D. (2019), Lecturer, M.Ed., Kent State University, 2015
- Knapp, Kathryn A. (2007), Associate Professor, Ph.D., Kent State University, 2013
- Kosko, Karl W. (2012), Professor, Ph.D., Virginia Polytechnic Institute and State University, 2010
- Kroeger, Janice (2002), Professor, Ph.D., University of Wisconsin, Madison, 2003
- Kuo, Chia Ling (2005), Professor, Ph.D., Ohio University, 2005
- Lampe, Jennifer K. (2014), Lecturer, Bowling Green State University, 2010
- Miller Marsh, Monica A. (2012), Associate Professor, Ph.D., University of Wisconsin-Madison, 1997
- Mitchell, Stephen A. (1992), Professor, Ph.D., Syracuse University, 1992
- Monobe, Gumiko (2010), Associate Professor



- Morgan, Denise N. (2004), Professor
- Mulvey, Bridget K. (2012), Associate Professor, Ph.D., University of Virginia-Main Campus, 2012
- Mupinga, Davison M. (2008), Professor, Ph.D., Louisiana State University-Baton Rouge, 1999
- Navy, Shannon L. (2017), Associate Professor, Ph.D., University of Georgia, 2014
- Novak, Elena (2015), Associate Professor, Ph.D., Florida State University, 2012
- Pech, Sandra (2000), Associate Professor, Ph.D., Kent State University, 2010
- Porto, Adonia F. (2006), Assistant Professor, Ph.D., Kent State University, 2017
- Potenza-Radis, Cheryl L. (2009), Assistant Professor, M.Ed., Miami University, 1993
- Pytash, Kristine E. (2006), Professor, Ph.D., Kent State University, 2009
- Ridley, Jacqueline N. (2020), Assistant Professor, Ph.D., Ohio University, 2020
- Roginski, Dawn R. (2017), Assistant Professor
- Sethna, Kim C. (2010), Assistant Professor, Ed.D., Walden University, 2022
- Stoll, Julia A. (2000), Professor, Ph.D., Kent State University, 2015
- Testa, Elizabeth A. (2013), Associate Professor, Ph.D., University of Akron, 2014
- Torres, Francisco L. (2021), Assistant Professor, Ph.D., University of Colorado-Boulder, 2020
- Walker, Amy (2022), Assistant Professor, Ph.D., Indiana University Bloomington, 2022
- Wang, Jiahui (2018), Assistant Professor, Ph.D., University of Florida, 2018
- Wilfong, Lori G. (2002), Associate Professor, Ph.D., Kent State University, 2006
- Wisdom, Sonya L. (2018), Associate Professor, Ph.D., Kent State University, 2010
- Wisdom, Sonya L. (2012), Associate Professor, Ph.D., Kent State University, 2010
- Zolfaghari, Maryam (2018), Assistant Professor, Ph.D., Kent State University, 2023

## College of Education, Health and Human Services

### Education, Health and Human Services (EHHS)

#### **EHHS 10095 SPECIAL TOPICS IN EDUCATION, HEALTH AND HUMAN SERVICES 1-4 Credit Hours**

(Repeatable for credit) Selected topics intended to encourage interdisciplinary study to cover areas not treated adequately in traditional coursework and to make available promptly the new and significant experience of faculty within the College of Education, Health and Human Services.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 1-4 lecture

**Grade Mode:** Standard Letter

#### **EHHS 10729 ACHIEVING ACADEMIC SUCCESS 1 Credit Hour**

The purpose of this course is to help students who are on academic probation to develop and apply critical thinking skills, and continue to clarify their purpose, meaning, and direction. The goal of this course is to help students improve their academic standing as quickly as possible.

**Prerequisite:** Any major in the College of Education, Health and Human Services (EHHS).

**Schedule Type:** Lecture

**Contact Hours:** 1 lecture

**Grade Mode:** Standard Letter

#### **EHHS 12017 EXPLORING PROFESSIONAL LITERACY PRACTICES 3 Credit Hours**

Students will explore and develop the literacy practices necessary for success in college and careers in education, health and human services.

**Prerequisite:** Special approval.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

#### **EHHS 20092 PRACTICAL EXPERIENCE IN EDUCATION, HEALTH AND HUMAN SERVICES (ELR) 1-12 Credit Hours**

(Repeatable for credit) Supervised work experiences that are integrated with academic instruction and related to student's occupational goal.

**Prerequisite:** Special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 3-36 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**Attributes:** Experiential Learning Requirement

#### **EHHS 40092 PRACTICAL EXPERIENCE IN EDUCATION, HEALTH AND HUMAN SERVICES (ELR) 1-6 Credit Hours**

Supervised work experiences that are integrated with academic instruction and related to student's occupational goal.

**Prerequisite:** Special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 3-18 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**Attributes:** Experiential Learning Requirement

#### **EHHS 49592 STUDENT TEACHING IN HEALTH AND PHYSICAL EDUCATION (ELR) 10 Credit Hours**

Full-time student teaching, which includes a balanced experience in elementary and secondary health and physical education. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school-agency before the first day of the semester in which student teaching internship will take place. To enroll, students must have official valid certification of child safety training, approved basic life support and ALICE training presented to the campus office of clinical experience or designated faculty-staff at regional campuses.

**Prerequisite:** School Health Education or Physical Education and Sport Performance majors; and admission to advanced study.

**Schedule Type:** Practical Experience

**Contact Hours:** 45 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**Attributes:** Experiential Learning Requirement

**EHHS 50092 PRACTICAL EXPERIENCE IN EDUCATION, HEALTH AND HUMAN SERVICES 1-6 Credit Hours**

(Repeatable for credit) Supervised work experiences that are integrated with academic instruction and related to student's occupational goal.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 3-18 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**EHHS 50093 VARIABLE TOPIC WORKSHOP IN EDUCATION, HEALTH AND HUMAN SERVICES 1-3 Credit Hours**

(Repeatable for credit) Variable topics; designed to respond to specialized needs of various groups within the context of trends issues and problems in the area education, health and human services.

**Prerequisite:** Graduate standing.

**Schedule Type:** Workshop

**Contact Hours:** 1-3 lecture

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**EHHS 75001 SYSTEMS THINKING IN PERSONAL AND PROFESSIONAL LEADERSHIP 3 Credit Hours**

The development of personal and professional leadership characteristics and traits through a self-examination and in-depth examination of the literature. Students will develop an understanding of the role leadership plays in complex systems through the application of systems thinking concepts. The course will focus on the importance of personal and professional leadership in systems thinking and organizational change.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EHHS 75501 THEORY AND PRACTICE OF LEADERSHIP 3 Credit Hours**

Theoretical perspectives on leadership as a foundation for effective practice in a range of educational settings. Contemporary, evidence-based research will support the integration and synthesis of leadership theory in practice. Leadership theory, myths, traits, models, strategies and assessment tools for leadership will be infused for a historical and comprehensive approach to leadership as an essential construct in education.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EHHS 75502 ETHICAL LEADERSHIP IN EDUCATION 3 Credit Hours**

Education is constantly undergoing change and ethical leadership in uncertain times is paramount. This course will discuss ethical elements of educational leadership in all settings in a case approach to connect ethical leadership theory to educational practice. It will blend ethical theory, leadership theory and case-analysis in a critical thinking based framework to position educational leaders to grapple with the complexities of contemporary ethical issues. Political, cultural, societal, organizational, and other forces on education will be evaluated through an ethical lens.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EHHS 75515 CONTEMPORARY ISSUES IN EDUCATIONAL LEADERSHIP DEVELOPMENT 3 Credit Hours**

This course will address contemporary issues in educational leadership development through the critical analysis and application of relevant literature to everyday challenges faced in educational organizations. Due to the dynamic nature of the content, key issues are likely to change, but will focus on, but not be limited to, culture and diversity issues, activism and advocacy, strategic planning, systemic and global impacts, assessment, technology, and leadership behaviors. Contemporary, peer-reviewed literature will guide the student through reflective, analytical considerations for successfully addressing these challenges in educational leadership.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EHHS 75516 GROUP DYNAMICS IN EDUCATIONAL LEADERSHIP 3 Credit Hours**

This course will connect educational leadership group dynamics theory to practice. Providing a foundation through contemporary literature, educational leadership will be contextualized in the study, formation, facilitation and dynamics of group behavior. Educational leadership group dynamics will be situated in the complex and changing educational cultures of learning organizations.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EHHS 75517 DEMOCRACY AND LEADERSHIP: PHILOSOPHIES AND PRACTICES FOR DEMOCRATIC EDUCATION. 3 Credit Hours**

This course examines leadership philosophies and practices that support and promote various methodological approaches to democratic education.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EHHS 80199 DISSERTATION I 15 Credit Hours**

(Repeatable for credit) Doctoral dissertation for which registration in at least two semesters is required, first of which will be semester in which dissertation work is begun and continuing until the completion of 30 hours.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Dissertation

**Contact Hours:** 15 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**EHHS 80299 DISSERTATION II 15 Credit Hours**

(Repeatable for credit) Continuing registration required of doctoral students who have completed the initial 30 hours of dissertation and continuing until all degree requirements are met.

**Prerequisite:** EHHS 80199; and doctoral standing.

**Schedule Type:** Dissertation

**Contact Hours:** 15 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**EHHS 81099 CAPSTONE I 1-9 Credit Hours**

(Repeatable for credit) The capstone will operate as a “dissertation in practice,” focusing on a problem of practice and using either action research or improvement science as a methodology. Students’ research will be aligned with the needs of their organizations, useful to their organizations and intended to effect positive change in their organizations. The research will culminate in a scholarly, comprehensive paper or project that integrates knowledge attained through coursework and research. Registration of course is required in at least two semesters, first of which will be the semester in which capstone work is began, and continuing until completion of 18 credit hours.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Project or Capstone

**Contact Hours:** 1-9 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**EHHS 82099 CAPSTONE II 1-9 Credit Hours**

(Repeatable for credit) Continuation of EHHS 81099. Continuous registration required for students who have completed 18 credit hours of EHHS 81099 and until all degree requirements are met.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Project or Capstone

**Contact Hours:** 1-9 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

## School of Foundations, Leadership and Administration

### Cultural Foundations (CULT)

#### **CULT 10001 EXPLORING THE VALUE OF DIVERSITY: FINDING YOURSELF AND APPRECIATING DIFFERENCE IN OTHERS 1 Credit Hour**

This course will focus on introducing lower-division students to the concept of self-identity development and how place-, cultural- and self-identity influences one’s perceptions and assumptions of others who may not share similar experiences. Students will explore and reflect on their personal identity and how their race/ethnicity, beliefs, personality, expressions and cultural practices influence their perceptions of diverse populations; they will also explore the complexity of diversity in the United States and actively consider their place and role in our diverse society, as adults.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 1 lecture

**Grade Mode:** Standard Letter

#### **CULT 20091 PREPROFESSIONAL SEMINAR IN EDUCATIONAL STUDIES 2-4 Credit Hours**

(Repeatable for credit) Introduction to the nature and scope of educational service delivery across settings, and to the social and cultural foundations of educational policies and programs. Open to any university student and to those considering alternative careers in education.

**Prerequisite:** None.

**Schedule Type:** Seminar

**Contact Hours:** 2-4 other

**Grade Mode:** Standard Letter

#### **CULT 26001 INTRODUCTION TO DISABILITY STUDIES 3 Credit Hours**

Interdisciplinary exploration of conceptual theoretical, philosophical and legal aspects related to inclusion of individuals with disabilities in community life.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

#### **CULT 29535 EDUCATION IN A DEMOCRATIC SOCIETY 3 Credit Hours**

This introductory course explores the purposes, organizations and outcomes of schooling from the perspectives of the field of social foundations of education. Candidates undertake critical inquiry into teaching as a profession. Licensure requirements, teachers’ legal responsibilities and the accountability of public schools are also explored.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**Attributes:** CTAG Education, TAG Education

#### **CULT 39539 INTRODUCTION TO THE PHILOSOPHY OF EDUCATION 3 Credit Hours**

An introduction to the philosophical analysis of educational problems focusing on the goals of education and the school’s role in achieving these goals.

**Prerequisite:** Junior standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

#### **CULT 39595 SPECIAL TOPICS IN CULTURAL FOUNDATIONS 2-4 Credit Hours**

(Repeatable for credit) Directed reading and/or research of special interest or need to small groups of students in cultural foundations. Planned with and directed by a faculty member.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 2-4 lecture

**Grade Mode:** Standard Letter-IP

#### **CULT 39596 INDIVIDUAL INVESTIGATION IN CULTURAL FOUNDATIONS 1-3 Credit Hours**

(Repeatable for credit) Directed independent reading and/or research of special interest or need in student program. Planned with and directed by a faculty member.

**Prerequisite:** Special approval.

**Schedule Type:** Individual Investigation

**Contact Hours:** 1-3 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

#### **CULT 40093 VARIABLE TITLE WORKSHOP IN CULTURAL FOUNDATIONS 1-4 Credit Hours**

(Repeatable for credit) (Slashed with CULT 50093 and CULT 70093) Variable topics; designed to respond to specialized needs of various groups within the context of trends issues and problems in the educational foundations disciplines.

**Prerequisite:** Special approval.

**Schedule Type:** Workshop

**Contact Hours:** 1-4 other

**Grade Mode:** Satisfactory/Unsatisfactory

**CULT 46001 PRINCIPLES AND METHODS OF COMMUNITY INCLUSION**  
**3 Credit Hours**

(Slashed with CULT 56001) Interdisciplinary approach to the principles and methods of designing an inclusive environment. Focus is on characteristics of disability groups and societal considerations to making adaptations and accommodations. Students complete a service learning component that focuses on inclusion of people with disabilities in community life.

**Prerequisite:** CULT 26001.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CULT 49570 SOCIAL FOUNDATIONS OF MULTICULTURAL EDUCATION**  
**3 Credit Hours**

Explores the history, social context, and issues in multicultural education (formal PK-12) in the U.S. Students gain an appreciation of the challenges of equalizing opportunity of educational achievement, an understanding that is essential for 21st century educational leadership.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CULT 50093 VARIABLE TITLE WORKSHOP IN CULTURAL FOUNDATIONS**  
**1-4 Credit Hours**

(Repeatable for credit) (Slashed with CULT 40093 and CULT 70093) Offered on request of school system. Enrollment limited to teachers, administrators or supervisors who are employed in sponsoring system and who are accepted to the university.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Workshop

**Contact Hours:** 1-4 other

**Grade Mode:** Satisfactory/Unsatisfactory

**CULT 56001 PRINCIPLES AND METHODS OF COMMUNITY INCLUSION**  
**3 Credit Hours**

(Slashed with CULT 46001) Interdisciplinary approach to the principles and methods of designing an inclusive environment. Focus is on characteristics of disability groups and societal consideration to making adaptations and accommodations. Students complete a service learning component that focuses on inclusion of people with disabilities in community life.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CULT 59570 SOCIAL FOUNDATIONS OF MULTICULTURAL EDUCATION**  
**3 Credit Hours**

Explores the history, social context, and issues in multicultural education (formal PK-12) in the U.S. Students gain an appreciation of the challenges of equalizing opportunity of educational achievement, an understanding that is essential for 21st century educational leadership.

**Prerequisite:** Graduate standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CULT 60030 SOCIAL CONTEXTS OF EDUCATION: CONTEMPORARY ISSUES AND THEORY**  
**3 Credit Hours**

(Slashed with CULT 80030) The course will explore contemporary social contexts of education through the lenses of major sociological perspectives, including seminal theoretical works and emerging contemporary scholarship. Students will become familiar with the uses of classic and current sociological theories in order to understand contemporary educational issues.

**Prerequisite:** Graduate standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CULT 60050 HUMANITIES-ORIENTED RESEARCH IN EDUCATION**  
**3 Credit Hours**

(Slashed with CULT 80050) Course is designed to give students an understanding of humanities-oriented approaches to research in education. This includes disciplinary approaches to the study of education (philosophy, history, literary theory) as well as humanities oriented theoretical work in the social sciences. Students will develop facility with key concepts as well as approaches to method and research design within these approaches.

**Prerequisite:** Graduate standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CULT 60199 THESIS I**  
**2-6 Credit Hours**

Thesis student must register for total of 6 hours, 2 to 6 hours in a single semester distributed over several semesters if desired.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Masters Thesis

**Contact Hours:** 2-6 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**CULT 60299 THESIS II**  
**2 Credit Hours**

Thesis students must continue registration each semester until all degree requirements are met. Graduate standing.

**Prerequisite:** CULT 60199.

**Schedule Type:** Masters Thesis

**Contact Hours:** 2 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**CULT 65530 FOUNDATIONS OF EDUCATION AND HUMAN SERVICES**  
**3 Credit Hours**

Inquiry into the assumptions and implications of educational policies and practices in education and human service settings through the application of historical, philosophical and sociological perspectives.

**Prerequisite:** Graduate standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CULT 69510 CLASSICS IN PHILOSOPHY OF EDUCATION**  
**3 Credit Hours**

(Repeatable for a maximum of 6 credit hours) (Slashed with CULT 79510) Philosophical exploration of the relationship between education and society and the dynamics of education through close reading and discussion of a selection of influential philosophical texts.

**Prerequisite:** Graduate standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CULT 69521 MULTICULTURAL EDUCATIONAL PRACTICE AND POLICY 3 Credit Hours**

Interdisciplinary inquiry into issues of pluralism and its influence on professional practice in education and human service settings. Cross-cultural interaction will be analyzed; reflection on developing culturally responsive professional practice.

**Prerequisite:** Graduate standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CULT 69522 ETHICS IN PROFESSIONAL PRACTICE 3 Credit Hours**

(Slashed with CULT 89522) An examination of ethics in schooling and other educational settings through foundational study and issue analysis; strong case study and professional application emphasis.

**Prerequisite:** Graduate standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CULT 69530 MULTICULTURAL THEORIES AND SCHOLARSHIP IN EDUCATION 3 Credit Hours**

(Slashed with CULT 79530) An investigation of multicultural theories in education, the social sciences and humanities as articulated in the works of major scholars. Approaches to research and scholarship and contemporary issues in public discourse is explored.

**Prerequisite:** Graduate standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CULT 69560 CONTEMPORARY PHILOSOPHY OF EDUCATION 3 Credit Hours**

(Repeatable for credit) (Slashed with CULT 79560) Explores a range of contemporary philosophical perspectives on the moral and political dimensions of education. Students will be introduced to the philosophical frameworks through which these questions are discussed within the field of philosophy of education and they will have opportunity to engage these debates in the course of carefully structured writing assignments.

**Prerequisite:** Graduate standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CULT 69564 HISTORY OF AMERICAN EDUCATION 3 Credit Hours**

(Cross-listed with CULT 79564) European origins and American innovations in colonial education, rise of common school, completion of education ladder. Emphasis is on present status and recent developments.

**Prerequisite:** Graduate standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CULT 69567 HISTORY OF HIGHER EDUCATION 3 Credit Hours**

(Slashed with CULT 79567) (Cross-listed with HIED 66600 and HIED 76600) Overview and exploration of history of higher education in the United States. Survey course covers ancient and medieval European antecedents but focuses largely on American Higher Education from the seventeenth through the 20th century. Students explore changes in student body, curricula and purposes of higher education in the U.S. in the context of American culture.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CULT 69569 INTERNATIONAL EDUCATION: FOUNDATIONAL ISSUES 3 Credit Hours**

(Slashed with CULT 79569) An introductory seminar to explore current foundational issues and challenges in education worldwide (nonformal, formal PK-advanced post-secondary education). Students gain an understanding of the socio-political, historical context of education worldwide and implications for local policy formation. An international-comparative approach connects and integrates cross-cultural literature, theoretical and research scholarship, on the impact of world dynamics on education. Students also explore the impact of education on economies and social compacts worldwide, with attention to inequalities or marginalities based on region, social status, ethnicity, race, religion, gender and disability.

**Prerequisite:** Graduate standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CULT 69570 MULTICULTURAL EDUCATION: THEORY AND POLICY 3 Credit Hours**

(Slashed with CULT 79570) Theoretical foundations of cultural pluralism, structural marginalization processes, knowledge construction, equity pedagogy and praxis in intercultural relations, democratic change processes and policy addressing inequities in institutional practices.

**Prerequisite:** Graduate standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CULT 69571 GLOBALIZATION AND EDUCATION 3 Credit Hours**

(Slashed with CULT 79571) A multi-disciplinary exploration of the impact of globalization/localization on the delivery and uses of education and the dynamics of power and resistance in globalized education.

**Prerequisite:** Graduate standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CULT 69575 ANTHROPOLOGY AND EDUCATION 3 Credit Hours**  
(Slashed with CULT 79575) Students explore the contributions that cultural and social anthropologists have made to the study of education broadly conceived, focusing particularly on studies addressing the interrelationships among education, culture and forms of social inequity. Through engaging in critical readings of classic and contemporary educational ethnographies, students explore the myriad ways in which "culture" has been theoretically conceptualized as well as the implications of those conceptualizations for educational inquiry and practice.

**Prerequisite:** Graduate standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CULT 69582 SOCIAL THEORIES IN EDUCATION 3 Credit Hours**  
(Slashed with CULT 89582) This course examines both classic and contemporary social theories in education. Students will become familiar with different social theories, specifically focusing on strengths and limitations of various theoretical approaches. Students will also analyze the role social theories have had upon educational research, and examine different conceptual issues within various social theoretical traditions.

**Prerequisite:** Graduate standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CULT 69591 SEMINAR IN CULTURAL FOUNDATIONS 1-5 Credit Hours**

(Repeatable for credit) (Slashed with CULT 89591) Variable topic seminar for advanced study of specialized topics and areas; in cultural foundations; emphasis on theory and research findings as related to educational practice.

**Prerequisite:** Graduate standing.

**Schedule Type:** Seminar

**Contact Hours:** 1-5 other

**Grade Mode:** Standard Letter

**CULT 69592 ADVANCED PRACTICUM AND INTERNSHIP IN CULTURAL FOUNDATIONS 2-6 Credit Hours**

(Repeatable for credit) (Slashed with CULT 89592) Supervised program in field setting involving application of theories, principles and methodology in cultural foundations of education; planned with and supervised by graduate faculty member.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 6-18 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**CULT 69595 SPECIAL TOPICS IN CULTURAL FOUNDATIONS 1-3 Credit Hours**

(Repeatable for credit) (Slashed with CULT 89595) Specific topic course offering in response to emerging student or program needs in cultural foundations of education.

**Prerequisite:** Graduate standing.

**Schedule Type:** Seminar

**Contact Hours:** 1-3 lecture

**Grade Mode:** Standard Letter

**CULT 69596 INDIVIDUAL INVESTIGATION IN CULTURAL FOUNDATIONS 1-3 Credit Hours**

(Repeatable for credit) (Slashed with CULT 89596) Students pursue an individual project on a specific topic in cultural foundations of education with approval and under direction of instructor.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Individual Investigation

**Contact Hours:** 1-3 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**CULT 69598 RESEARCH IN CULTURAL FOUNDATIONS 1-6 Credit Hours**

(Repeatable for credit) (Slashed with CULT 89598) Students pursue an individual research project on a specific topic in cultural foundations of education with approval and under direction of instructor.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Research

**Contact Hours:** 3-18 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**CULT 69691 VARIABLE CONTENT SEMINAR: GREAT IDEAS IN EDUCATION 3 Credit Hours**

(Repeatable for credit) (Slashed with CULT 89691) This course explores a great idea in education from multiple disciplinary perspectives (philosophical, sociological, historical) and looks at the ways in which the idea in question has shaped or could transform educational practice at multiple levels.

**Prerequisite:** Graduate standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CULT 70093 VARIABLE TOPIC WORKSHOP IN CULTURAL FOUNDATIONS 1-4 Credit Hours**

(Repeatable for credit) (Slashed with CULT 40093 and CULT 50093) Offered on request of school system. Enrollment limited to teachers, administrators or supervisors who are employed in sponsoring system and who are accepted to the university. May be repeated once for total maximum credit of six hours.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Workshop

**Contact Hours:** 1-4 other

**Grade Mode:** Satisfactory/Unsatisfactory

**CULT 79510 CLASSICS IN PHILOSOPHY OF EDUCATION 3 Credit Hours**

(Repeatable for a maximum of 6 credit hours) (Slashed with CULT 69510) Philosophical exploration of the relationship between education and society and the dynamics of education through close reading and discussion of a selection of influential philosophical texts.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CULT 79530 MULTICULTURAL THEORIES AND SCHOLARSHIP IN EDUCATION 3 Credit Hours**

(Slashed with CULT 69530) An investigation of multicultural theories in education, the social sciences and humanities as articulated in the works of major scholars. Approaches to research and scholarship and contemporary issues in public discourse is explored.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CULT 79560 CONTEMPORARY PHILOSOPHY OF EDUCATION 3****Credit Hours**

(Repeatable for credit) (Slashed with CULT 69560) Explores a range of contemporary philosophical perspectives on the moral and political dimensions of education. Students will be introduced to the philosophical frameworks through which these questions are discussed within the field of philosophy of education and they will have opportunity to engage these debates in the course of carefully structured writing assignments.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CULT 79564 HISTORY OF AMERICAN EDUCATION 3 Credit Hours**

(Slashed with CULT 69564) European origins and American innovations in colonial education, rise of common school, completion of education ladder. Emphasis is on present status and recent developments.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CULT 79567 HISTORY OF HIGHER EDUCATION 3 Credit Hours**

(Slashed with CULT 69567) (Cross-listed with HIED 66600 and HIED 76600) Overview and exploration of history of higher education in the United States. Survey course covers ancient and medieval European antecedents but focuses largely on American Higher Education from the seventeenth through the 20th century. Students explore changes in student body, curricula and purposes of higher education in the U.S. in the context of American culture.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CULT 79569 INTERNATIONAL EDUCATION: FOUNDATIONAL ISSUES 3 Credit Hours**

(Slashed with CULT 69569) An introductory seminar to explore current foundational issues and challenges in education worldwide (nonformal, formal PK-advanced post-secondary education). Students gain an understanding of the socio-political, historical context of education worldwide and implications for local policy formation. An international-comparative approach connects and integrates cross-cultural literature, theoretical and research scholarship, on the impact of world dynamics on education. Students also explore the impact of education on economies and social compacts worldwide, with attention to inequalities or marginalities based on region, social status, ethnicity, race, religion, gender and disability. Gaining a broad understanding of the place of education in a rapidly changing world is essential for 21st century educational leadership and the formation of constructive policies for the future of both developed and developing countries.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CULT 79570 MULTICULTURAL EDUCATION: THEORY AND POLICY 3****Credit Hours**

(Slashed with CULT 69570) Theoretical foundations of cultural pluralism, structural marginalization processes, knowledge construction, equity pedagogy and praxis in intercultural relations, democratic change processes and policy addressing inequities in institutional practices.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CULT 79571 GLOBALIZATION AND EDUCATION 3 Credit Hours**

(Slashed with CULT 69571) A multi-disciplinary exploration of the impact of globalization/localization on the delivery and uses of education and the dynamics of power and resistance in globalized education.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CULT 79575 ANTHROPOLOGY AND EDUCATION 3 Credit Hours**

(Slashed with CULT 69575) Students explore the contributions that cultural and social anthropologists have made to the study of education broadly conceived, focusing particularly on studies addressing the interrelationships among education, culture and forms of social inequity. Through engaging in critical readings of classic and contemporary educational ethnographies, students explore the myriad ways in which "culture" had been theoretically conceptualized, as well as the implications of those conceptualizations for educational inquiry and practice.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CULT 80030 SOCIAL CONTEXTS OF EDUCATION: CONTEMPORARY ISSUES AND THEORY 3 Credit Hours**

(Slashed with CULT 80030) The course will explore contemporary social contexts of education through the lenses of major sociological perspectives, including seminal theoretical works and emerging contemporary scholarship. Students will become familiar with the uses of classic and current sociological theories in order to understand contemporary educational issues.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CULT 80050 HUMANITIES-ORIENTED RESEARCH IN EDUCATION 3 Credit Hours**

(Slashed with CULT 60050) Course is designed to give students an understanding of humanities-oriented approaches to research in education. This includes disciplinary approaches to the study of education (philosophy, history, literary theory) as well as humanities oriented theoretical work in the social sciences. Students will develop facility with key concepts as well as approaches to method and research design within these approaches.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CULT 80090 DOCTORAL RESIDENCY SEMINAR 3 Credit Hours**

Advanced doctoral residency seminar for students in all areas of educational foundations. Focus on current and emergent issues research and trends in education in multiple settings.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 other

**Grade Mode:** Standard Letter

**CULT 80091 SEMINAR: GREAT ISSUES IN EDUCATION 1-3 Credit Hours**

(Repeatable for credit) Interdisciplinary review of current great issues in education that are catalogs for presentation after discussion with membership of the course.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Seminar

**Contact Hours:** 1-3 other

**Grade Mode:** Standard Letter

**CULT 80199 DISSERTATION I 15 Credit Hours**

(Repeatable for credit) Doctoral dissertation for which registration in at least two semesters is required, first of which will be semester in which dissertation work is begun and continuing until the completion of 30 hours.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Dissertation

**Contact Hours:** 15 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**CULT 80299 DISSERTATION II 15 Credit Hours**

(Repeatable for credit) Continuing registration required of doctoral students who have completed the initial 30 hours of dissertation and continuing until all degree requirements are met.

**Prerequisite:** CULT 80199; and doctoral standing.

**Schedule Type:** Dissertation

**Contact Hours:** 15 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**CULT 85535 INTERPROFESSIONAL STUDIES 3 Credit Hours**

Comprehensive analysis of issues affecting professional practice in education and human service resource settings. Examination of questions related to interprofessional collaboration on policy, research and practice.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CULT 89521 MULTICULTURAL EDUCATIONAL PRACTICE AND POLICY 3 Credit Hours**

Interdisciplinary inquiry into issues of pluralism and its influence on professional practice in education and human service settings. Cross-cultural interaction will be analyzed; reflection on developing culturally responsive professional practice.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CULT 89522 ETHICS IN PROFESSIONAL PRACTICE 3 Credit Hours**

(Slashed with CULT 69522) An examination of ethics in schooling and other educational settings through foundational study and issue analysis; strong case study and professional application emphasis.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CULT 89571 COMPARATIVE AND INTERNATIONAL EDUCATION 3 Credit Hours**

Comparative analysis of contemporary educational policies and structures in large-and small scale societies throughout the world.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CULT 89581 PROSEMINAR IN CULTURAL FOUNDATIONS 3 Credit Hours**

Doctoral seminar to familiarize Ph.D. students with cultural and social foundations of education as a field of study so that they may locate their inquiry within the relevant knowledge base and academic disciplines that comprise the cultural foundations of education.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CULT 89582 SOCIAL THEORIES IN EDUCATION 3 Credit Hours**

(Slashed with CULT 69582) This course examines both classic and contemporary social theories in education. Students will become familiar with different social theories, specifically focusing on strengths and limitations of various theoretical approaches. Students will also analyze the role social theories have had upon educational research, and examine different conceptual issues within various social theoretical traditions.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CULT 89591 SEMINAR IN CULTURAL FOUNDATIONS 1-5 Credit Hours**

(Repeatable for credit) (Slashed with CULT 69591) Variable topic seminar for advanced study of specialized topics and areas in cultural foundations; emphasis on theory and research findings as related to educational practice.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Seminar

**Contact Hours:** 1-5 other

**Grade Mode:** Standard Letter

**CULT 89592 ADVANCED PRACTICUM AND INTERNSHIP IN CULTURAL FOUNDATIONS 2-6 Credit Hours**

(Repeatable for credit) (Slashed with CULT 69592) Supervised program in field setting involving application of theories, principles and methodology in cultural foundations of education; planned with and supervised by graduate faculty member.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 6-18 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP



**CULT 89595 SPECIAL TOPICS IN CULTURAL FOUNDATIONS 1-3****Credit Hours**

(Repeatable for credit) (Slashed with CULT 69595) Specific topic course offering in response to emerging student or program needs in cultural foundations of education.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Seminar

**Contact Hours:** 1-3 lecture

**Grade Mode:** Standard Letter

**CULT 89596 INDIVIDUAL INVESTIGATION IN CULTURAL FOUNDATIONS 1-3 Credit Hours**

(Repeatable for credit) (Slashed with CULT 69596) Students pursue an individual project on a specific topic in cultural foundations of education with approval and under direction of instructor.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Individual Investigation

**Contact Hours:** 1-3 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**CULT 89598 RESEARCH IN CULTURAL FOUNDATIONS 1-6 Credit Hours**

(Repeatable for credit) (Slashed with CULT 69598) Students pursue an individual research project on a specific topic in cultural foundations of education with approval and under direction of instructor.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Research

**Contact Hours:** 3-18 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**CULT 89691 VARIABLE CONTENT SEMINAR: GREAT IDEAS IN EDUCATION 3 Credit Hours**

(Repeatable for credit) (Slashed with CULT 69691) This course explores a great idea in education from multiple disciplinary perspectives (philosophical, sociological, historical) and looks at the ways in which the idea in question has shaped or could transform educational practice at multiple levels.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**Educational Leadership K-12 (EDLE)****EDLE 40093 VARIABLE TITLE WORKSHOP IN EDUCATIONAL ADMINISTRATION 1-5 Credit Hours**

(Repeatable for credit) (Slashed with EDLE 50093 and EDLE 70093)

**Prerequisite:** None.

**Schedule Type:** Workshop

**Contact Hours:** 1-5 other

**Grade Mode:** Satisfactory/Unsatisfactory

**EDLE 50093 VARIABLE TITLE WORKSHOP IN EDUCATIONAL ADMINISTRATION 1-5 Credit Hours**

(Repeatable for credit) (Slashed with EDLE 40093 and EDLE 70093)

Variable title workshop in educational administration.

**Prerequisite:** Graduate standing.

**Schedule Type:** Workshop

**Contact Hours:** 1-5 other

**Grade Mode:** Satisfactory/Unsatisfactory

**EDLE 60199 THESIS I 2-6 Credit Hours**

Thesis students must register for a total of 6 hours, 2 to 6 hours in a single semester distributed over several semesters if desired.

**Prerequisite:** Graduate standing.

**Schedule Type:** Masters Thesis

**Contact Hours:** 2-6 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**EDLE 60299 THESIS II 2 Credit Hours**

Thesis students must continue registration each semester until all degree requirements are met.

**Prerequisite:** EDLE 60199; and graduate standing.

**Schedule Type:** Masters Thesis

**Contact Hours:** 2 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**EDLE 66492 INTERNSHIP IN EDUCATIONAL ADMINISTRATION 3-6 Credit Hours**

(Repeatable for a maximum of 6 credit hours) (Slashed with EDLE 76492)

A field-based internship utilizing an inquiry-based learning model, requiring projects as designated by the program area faculty. Specific topics are outlined and shared at meetings prior to beginning internship. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school-agency before the first day of the semester in which student teaching internship will take place.

**Prerequisite:** Graduate standing.

**Schedule Type:** Practical Experience

**Contact Hours:** 10-20 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**EDLE 66515 FACILITIES PLANNING AND ADMINISTRATION 3 Credit Hours**

(Slashed with EDLE 76515) Overview of facilities planning and administration, including architectural/ construction management, the educational program, restoration and maintenance.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EDLE 66517 ADMINISTRATION AND SUPERVISION OF SPECIAL EDUCATION 3 Credit Hours**

(Slashed with EDLE 76517) Administration of educational programs for exceptional children: improvement of teacher competencies; function of special education supervisors; and special education operations at a local, state and national level.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EDLE 66518 SCHOOL AND SPECIAL EDUCATION LAW 3 Credit Hours**

(Slashed with EDLE 76518) Constitutional, statutory, and case law involving schools, special and regular education students, administrators, parents and others are studied.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EDLE 66520 SCHOOL LAW FOR TEACHERS AND PRINCIPALS 3****Credit Hours**

(Slashed with EDLE 76520) Selected principles of constitutional, statutory case and common law affecting the administration of schools generally and Ohio schools specifically.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EDLE 66522 PUBLIC SCHOOL FINANCE AND ECONOMICS 3 Credit Hours**

(Slashed with EDLE 76522) Analysis of national, state and local problems of collection custody and expenditure of public school funds.

**Prerequisite:** EDLE 66526; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EDLE 66525 THE EDUCATIONAL PRINCIPALSHIP 3 Credit Hours**

(Slashed with EDLE 76525) Organizing and administering elementary, middle level and secondary schools.

**Prerequisite:** EDLE 66526 or EDLE 76526; 16 hrs of EDLE; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EDLE 66526 FUNDAMENTALS OF EDUCATIONAL ADMINISTRATION 3 Credit Hours**

(Slashed with EDLE 76526) Examines theory and practice essential for administration. Skills and understanding are developed in theory goal setting staff development.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EDLE 66527 SCHOOL FINANCE FOR BUILDING ADMINISTRATORS 3 Credit Hours**

(Slashed with EDLE 76527) Identification of the responsibilities of the school building administrator related to all financial operations in the school building; included are the budget process and development, student accounts, the purchase order process and fund raising and school groups.

**Prerequisite:** Major in Educational Leadership K-12, Higher Education Administration and Student Affairs or Higher Education Administration; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EDLE 66529 LEADING FOR SOCIAL JUSTICE 3 Credit Hours**

(Slashed with EDLE 76529) Centers on investigating a broad research agenda on leading for social justice within educational leadership.

Provides a context for candidates to establish strong connections between what it means to lead and the primary concerns for learning and equity, which are associated with increased performance and effectiveness for American education. Candidates engage in concepts such as equity audits, border culture, hegemony, moral transformation and other concepts aligned with leading 21st century schools. Such concepts encourage school leaders to reconsider the influence of wider social, political, cultural and economic contexts in creating transformative and revolutionary schools.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture, Practical Experience

**Contact Hours:** 2 lecture, 1 other

**Grade Mode:** Standard Letter

**EDLE 66531 INSTRUCTIONAL LEADERSHIP 3 Credit Hours**

(Slashed with EDLE 76531) Focuses on the administrative role pertaining to the leadership, management, and evaluation of quality and effective school classroom instruction. Building administrators are responsible for providing the resource for effective instruction, which result in student learning. The key to effective instruction at any level requires a solid grounding in curriculum theory and design. Designed to provide the tools that administrators need to oversee the development, production, monitoring and evaluation of instructional methods and strategies.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture, Practical Experience

**Contact Hours:** 2 lecture, 1 other

**Grade Mode:** Standard Letter

**EDLE 66533 CENTRAL OFFICE ADMINISTRATION: CURRICULUM AND PUPIL SERVICES 3 Credit Hours**

(Slashed with EDLE 76533) Analyzes roles and responsibilities of central office personnel with an emphasis on curriculum, pupil, and support services as impacted by current educational policy, and practice and focused on impacting the achievement of all students.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture, Practical Experience

**Contact Hours:** 1.75 lecture, 1.25 other

**Grade Mode:** Standard Letter

**EDLE 66534 THE SUPERINTENDENCY 3 Credit Hours**

(Slashed with EDLE 76534) Focuses on major responsibilities of board of education and superintendent.

**Prerequisite:** EDLE 66526 or EDLE 76526; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EDLE 66536 THE ADMINISTRATOR'S ROLE IN CURRICULUM DEVELOPMENT 3 Credit Hours**

(Slashed with EDLE 76536) Focusing on the administrative role pertaining to the development, management and evaluation of a quality and effective district school classroom curriculum.

**Prerequisite:** Major in Educational Leadership K-12, Higher Education Administration and Student Affairs or Higher Education Administration; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EDLE 66538 ADMINISTRATION OF SCHOOL CULTURE, POLITICS AND REFORMS 3 Credit Hours**

(Slashed with EDLE 76538) Focuses on administrative roles in assessing, leading, developing and reforming school culture. Centers on building and district administrators, who are responsible for providing the cultural frameworks and context of school culture through politics and reform efforts. The key to effective school reform requires a solid understanding of micropolitics as well as policy and practice at a state and national level. Designed to provide educational leaders with tools to assess school and district-wide cultural practices and norms as well as the skill sets to disrupt and change them.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture, Practical Experience

**Contact Hours:** 1.75 lecture, 1.25 other

**Grade Mode:** Standard Letter

**EDLE 66540 WOMEN IN LEADERSHIP 3 Credit Hours**

(Slashed with EDLE 76540) An interactive study of women's development and its effect on their dispositions toward leadership. Provides theoretical contract to traditional management theory.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EDLE 66542 PRINCIPLES AND TECHNIQUES OF SUPERVISION AND SPECIAL EDUCATION 3 Credit Hours**

(Slashed with EDLE 76542) Principles and techniques needed by administrative specialists and supervisors (curriculum, pupil services, special education) are given. Research findings include changing human relations, change leadership, legal implications, group process, communication, coordination, management, observations, and conferencing skills.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EDLE 66543 SCHOOL ADMINISTRATION IN URBAN SETTINGS 3 Credit Hours**

(Slashed with EDLE 76543) This course is designed to provide students with opportunities to discuss and investigate the unique challenges of leading inner-city schools. Issues of focus include transportation, staffing, extracurricular support for students and more.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EDLE 66544 COMMUNITY RELATIONS AND COMMUNICATION SKILLS 3 Credit Hours**

(Slashed with EDLE 76544) Centers on encouraging school leaders to consider the way in which children's learning is influenced by behaviors and perspectives of family members, school personnel and members of the larger community. Educators and school leaders have much to gain by deepening their understanding of how students learn from their family and cultural backgrounds, which fosters more inclusive school practices. Candidates investigate the influence of such collaborations and their role in upholding the ethical responsibility to promote children's welfare.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture, Practical Experience

**Contact Hours:** 1.75 lecture, 1.25 other

**Grade Mode:** Standard Letter

**EDLE 66591 SEMINAR IN EDUCATIONAL ADMINISTRATION 1-4 Credit Hours**

(Repeatable for credit) Seminar in educational administration.

**Prerequisite:** Graduate standing.

**Schedule Type:** Seminar

**Contact Hours:** 1-4 other

**Grade Mode:** Standard Letter

**EDLE 66595 SPECIAL TOPICS IN EDUCATIONAL ADMINISTRATION 1-3 Credit Hours**

(Repeatable for credit) (Slashed with EDLE 76595) Specialized offerings in response to emerging or selected program needs.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 1-3 lecture

**Grade Mode:** Standard Letter

**EDLE 66596 INDIVIDUAL INVESTIGATION IN EDUCATIONAL ADMINISTRATION 2-4 Credit Hours**

(Repeatable for credit) (Slashed with EDLE 76596) Projects as assigned.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Individual Investigation

**Contact Hours:** 2-4 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**EDLE 66598 RESEARCH IN EDUCATIONAL ADMINISTRATION 2-8 Credit Hours**

(Repeatable for credit) Projects as assigned.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Research

**Contact Hours:** 2-8 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**EDLE 66602 TECHNOLOGY LEADERSHIP IN EDUCATION 3 Credit Hours**

(Slashed with EDLE 76602) Prepares educational administrators to be leaders in the advancement of the appropriate integration of technology. Current and prospective administrators increase their understanding of how technology can be used as a tools for teaching, learning, assessment, management, planning and communications. The development and implementations of vision for educational technology is addressed, as well as social and ethical issues.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture, Practical Experience

**Contact Hours:** 2.25 lecture, .75 other

**Grade Mode:** Standard Letter

**EDLE 66747 PERSONNEL 3 Credit Hours**

(Slashed with EDLE 76747) Administration of education staff at building and central office levels; scope and depth of supervisory responsibilities and development of evaluation techniques.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EDLE 66750 COACHING AND MENTORING FOR TEACHER LEADERS**  
**3 Credit Hours**

Focuses on developing the knowledge, skills, and dispositions necessary for teacher leaders to provide high levels of effective coaching and mentoring for improving teaching practices and learning for all students. Specific approaches related to mentoring, coaching and per assistance will be examined and practiced.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EDLE 66751 INSTRUCTIONAL LEADERSHIP FOR TEACHER LEADERS**  
**3 Credit Hours**

This course provides the tools that teacher leaders need to engage in the development, production, monitoring and evaluation of instructional methods and strategies.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EDLE 70093 VARIABLE TITLE WORKSHOP IN EDUCATIONAL**  
**ADMINISTRATION 1-5 Credit Hours**

(Repeatable for credit) (Slashed with EDLE 40093 and EDLE 50093)

Variable title workshop in EDAD.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Workshop

**Contact Hours:** 1-5 other

**Grade Mode:** Satisfactory/Unsatisfactory

**EDLE 76492 INTERNSHIP IN EDUCATIONAL ADMINISTRATION** 3-6  
**Credit Hours**

(Repeatable for a maximum of 6 credit hours) (Slashed with EDLE 76492)

A field-based internship utilizing an inquiry-based learning model, requiring projects as designated by the program area faculty. Specific topics are outlined and shared at meetings prior to beginning internship. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school-agency before the first day of the semester in which student teaching internship will take place.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Practical Experience

**Contact Hours:** 10-20 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**EDLE 76515 FACILITIES PLANNING AND ADMINISTRATION** 3  
**Credit Hours**

(Slashed with EDLE 66515) Overview of facilities planning and administration, including architectural/ construction management, the educational program, restoration and maintenance.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EDLE 76517 ADMINISTRATION AND SUPERVISION OF SPECIAL**  
**EDUCATION 3 Credit Hours**

(Slashed with EDLE 66517) Administration of educational programs for exceptional children: improvement of teacher competencies; function of special education supervisors; and special education operations at a local, state, and national level.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EDLE 76518 SCHOOL AND SPECIAL EDUCATION LAW** 3  
**Credit Hours**

(Slashed with EDLE 66518) Constitutional, statutory, and case law involving schools, special and regular education students, administrators, parents and others are studied.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EDLE 76520 SCHOOL LAW FOR TEACHERS AND PRINCIPALS** 3  
**Credit Hours**

(Slashed with EDLE 66520) Selected principles of constitutional, statutory, case and common law affecting the administration of schools generally and Ohio schools specifically.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EDLE 76522 PUBLIC SCHOOL FINANCE AND ECONOMICS** 3  
**Credit Hours**

(Slashed with EDLE 66522) Analysis of national, state and local problems of collection custody and expenditure of public school funds.

**Prerequisite:** EDLE 76526; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EDLE 76525 THE EDUCATIONAL PRINCIPALSHIP** 3  
**Credit Hours**

(Slashed with EDLE 66525) Organizing and administering elementary, middle level and secondary schools.

**Prerequisite:** EDLE 66526 or EDLE 76526; 16 credit hours of EDLE; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EDLE 76526 FUNDAMENTALS OF EDUCATIONAL ADMINISTRATION**  
**3 Credit Hours**

(Slashed with EDLE 66526) Examines theory and practice essential for administration. Skills and understanding are developed in theory goal setting staff development.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EDLE 76527 SCHOOL FINANCE FOR BUILDING ADMINISTRATORS 3****Credit Hours**

(Slashed with EDLE 66527) Identification of the responsibilities of the school building administrator related to all financial operations in the school building; included are the budget process and development, student accounts, the purchase order process, and fund raising and school groups.

**Prerequisite:** Major in Educational Leadership K-12 or Higher Education Administration; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EDLE 76529 LEADING FOR SOCIAL JUSTICE 3 Credit Hours**

(Slashed with EDLE 66529) Centers on investigating a broad research agenda on leading for social justice within educational leadership. Provides a context for candidates to establish strong connections between what it means to lead and the primary concerns for learning and equity, which are associated with increased performance and effectiveness for American education. Candidates engage in concepts such as equity audits, border culture, hegemony, moral transformation and other concepts aligned with leading 21st century schools. Such concepts encourage school leaders to reconsider the influence of wider social, political, cultural and economic contexts in creating transformative and revolutionary schools.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture, Practical Experience

**Contact Hours:** 2 lecture, 1 other

**Grade Mode:** Standard Letter

**EDLE 76531 INSTRUCTIONAL LEADERSHIP 3 Credit Hours**

(Slashed with EDLE 66531) Focuses on the administrative role pertaining to the leadership, management, and evaluation of quality and effective school classroom instruction. Building administrators are responsible for providing the resource for effective instruction, which result in student learning. The key to effective instruction at any level requires a solid grounding in curriculum theory and design. Designed to provide the tools that administrators need to oversee the development, production, monitoring and evaluation of instructional methods and strategies.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture, Practical Experience

**Contact Hours:** 2 lecture, 1 other

**Grade Mode:** Standard Letter

**EDLE 76533 CENTRAL OFFICE ADMINISTRATION 3 Credit Hours**

(Slashed with EDLE 66533) Analyzes roles and responsibilities of central office personnel with an emphasis on curriculum, pupil, and support services as impacted by current educational policy, and practice and focused on impacting the achievement of all students.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture, Practical Experience

**Contact Hours:** 1.75 lecture, 1.25 other

**Grade Mode:** Standard Letter

**EDLE 76534 THE SUPERINTENDENCY 3 Credit Hours**

(Slashed with EDLE 66534) Focuses on major responsibilities of board of education and superintendent.

**Prerequisite:** EDLE 66526 or EDLE 76526; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EDLE 76536 THE ADMINISTRATOR'S ROLE IN CURRICULUM DEVELOPMENT 3 Credit Hours**

(Slashed with EDLE 66536) Focusing on the administrative role pertaining to the development, management and evaluation of a quality and effective district/school/classroom curriculum.

**Prerequisite:** Major in Educational Leadership K-12; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EDLE 76538 ADMINISTRATION OF SCHOOL CULTURE, POLITICS AND REFORM 3 Credit Hours**

(Slashed with EDLE 66538) Focuses on administrative roles in assessing, leading, developing and reforming school culture. Centers on building and district administrators, who are responsible for providing the cultural frameworks and context of school culture through politics and reform efforts. The key to effective school reform requires a solid understanding of micropolitics as well as policy and practice at a state and national level. Designed to provide educational leaders with tools to assess school and district-wide cultural practices and norms as well as the skill sets to disrupt and change them.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture, Practical Experience

**Contact Hours:** 1.75 lecture, 1.25 other

**Grade Mode:** Standard Letter

**EDLE 76540 WOMEN IN LEADERSHIP 3 Credit Hours**

(Slashed with EDLE 66540) An interactive study of women's development and its effect on their dispositions toward leadership. Provides theoretical contract to traditional management theory.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EDLE 76542 PRINCIPLES AND TECHNIQUES OF SUPERVISION AND SPECIAL EDUCATION 3 Credit Hours**

(Slashed with EDLE 66542) Principles and techniques needed by administrative specialists and supervisors (curriculum, pupil services, special education) are given. Research findings include changing human relations, change leadership, legal implications, group process, communication, coordination, management, observations, and conferencing skills.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EDLE 76543 SCHOOL ADMINISTRATION IN URBAN SETTINGS 3 Credit Hours**

(Slashed with EDLE 66543) This course is designed to provide students with opportunities to discuss and investigate the unique challenges of leading inner-city schools. Issues of focus include transportation, staffing, extracurricular support for students and more.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EDLE 76544 COMMUNITY RELATIONS AND COMMUNICATION SKILLS 3 Credit Hours**

(Slashed with EDLE 66544) Centers on encouraging school leaders to consider the way in which children's learning is influenced by behaviors and perspectives of family members, school personnel and members of the larger community. Educators and school leaders have much to gain by deepening their understanding of how students learn from their family and cultural backgrounds, which fosters more inclusive school practices. Candidates investigate the influence of such collaborations and their role in upholding the ethical responsibility to promote children's welfare.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture, Practical Experience

**Contact Hours:** 1.75 lecture, 1.25 other

**Grade Mode:** Standard Letter

**EDLE 76595 SPECIAL TOPICS IN EDUCATIONAL ADMINISTRATION 1-3 Credit Hours**

(Repeatable for credit) (Slashed with EDLE 66595) Specialized offerings in response to emerging or selected program needs.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 1-3 lecture

**Grade Mode:** Standard Letter

**EDLE 76596 INDIVIDUAL INVESTIGATION IN EDUCATIONAL ADMINISTRATION 2-4 Credit Hours**

(Repeatable for credit) (Slashed with EDLE 66596) Projects as assigned.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Individual Investigation

**Contact Hours:** 2-4 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**EDLE 76602 TECHNOLOGY LEADERSHIP IN EDUCATION 3 Credit Hours**

(Slashed with EDLE 66602) Prepares educational administrators to be leaders in the advancement of the appropriate integration of technology. Current and prospective administrators increase their understanding of how technology can be used as a tools for teaching, learning, assessment, management, planning and communications. The development and implementations of vision for educational technology is addressed, as well as social and ethical issues.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture, Practical Experience

**Contact Hours:** 2.25 lecture, .75 other

**Grade Mode:** Standard Letter

**EDLE 76747 PERSONNEL 3 Credit Hours**

(Slashed with EDLE 66747) Administration of education staff at building and central office levels; scope and depth of supervisory responsibilities and development of evaluation techniques.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EDLE 80080 DISSERTATION PREPARATION SEMINAR 3 Credit Hours**

Gain an in-depth understanding of the dissertation-writing process.

Complete a dissertation proposal.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**EDLE 80199 DISSERTATION I 15 Credit Hours**

(Repeatable for credit) Doctoral dissertation for which registration in at least two semesters is required, first of which will be semester in which dissertation work is begun and continuing until the completion of 30 hours.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Dissertation

**Contact Hours:** 15 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**EDLE 80299 DISSERTATION II 15 Credit Hours**

(Repeatable for credit) Continuing registration required of doctoral students who have completed the initial 30 hours of dissertation and continuing until all degree requirements are met.

**Prerequisite:** EDLE 80199; and doctoral standing.

**Schedule Type:** Dissertation

**Contact Hours:** 15 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**EDLE 86591 SEMINAR IN EDUCATIONAL ADMINISTRATION 1-4 Credit Hours**

(Repeatable for credit) Seminar in EDAD.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Seminar

**Contact Hours:** 1-4 other

**Grade Mode:** Standard Letter

**EDLE 86598 RESEARCH IN EDUCATIONAL ADMINISTRATION 2-8 Credit Hours**

(Repeatable for credit) Projects as assigned.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Research

**Contact Hours:** 2-8 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**Higher Education (HIED)****HIED 46525 CAREERS IN HIGHER EDUCATION 3 Credit Hours**

Familiarize students with the history of higher education; philosophies of higher education, financial, legal and political issues facing higher education; and the careers available in colleges and universities.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 60093 VARIABLE TOPIC WORKSHOP IN HIGHER EDUCATION ADMINISTRATION 1-6 Credit Hours**

(Slashed with HIED 70093) Variable topics; designed to respond to specialized needs of various groups with the contexts of trends, issues and problems in the various higher education disciplines.

**Prerequisite:** Graduate standing.

**Schedule Type:** Workshop

**Contact Hours:** 1-6 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**HIED 66492 INTERNSHIP IN HIGHER EDUCATION ADMINISTRATION 3-6 Credit Hours**

(Slashed with HIED 76492)(Repeatable for a maximum of 12 credit hours) Field-based internship, minimum 150 clock hours, as approved by the program area faculty. Specific topics are outlined and shared at meetings prior to beginning internship.

**Prerequisite:** Graduate standing.

**Schedule Type:** Practical Experience

**Contact Hours:** 10-20 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**HIED 66521 EMPLOYMENT LAW 3 Credit Hours**

(Slashed with HIED 76521) Study of public and private sector bargaining law and all terms and conditions of employment.

**Prerequisite:** Higher education administration and student affairs; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 66558 ADVANCED EDUCATIONAL LEADERSHIP 3 Credit Hours**

(Slashed with HIED 86558) Course provides the opportunity for students to gain additional knowledge and skills in educational leadership, to improve research writing and teaching skills# to share and discuss leadership knowledge and insights with their peers and to defend their work before their peers.

**Prerequisite:** HIED 66657; and graduate standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 66592 INTERNSHIP IN COLLEGE TEACHING 3 Credit Hours**

(Repeatable for credit) (Slashed with HIED 76592) Application of course and lesson planning; instructional and evaluation skills under faculty supervision; lecturing, guiding group performance and evaluating performances. Arrangements made on individual basis.

**Prerequisite:** At least 12 hours in higher education; and graduate standing; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 9 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**HIED 66594 INTERNSHIP IN COLLEGE TEACHING 3 Credit Hours**

(Repeatable for credit) (Slashed with HIED 76594) Application of course and lesson planning; instructional and evaluation skills under faculty supervision; lecturing, guiding group performance and evaluating performances. Arrangements made on individual basis.

**Prerequisite:** At least 12 hours in higher education; and graduate standing; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 9 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**HIED 66595 SPECIAL TOPICS IN HIGHER EDUCATION ADMINISTRATION 3 Credit Hours**

(Slashed with HIED 76595)(Repeatable for credit) Specialized offerings in response to emerging or selected program needs.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 66596 INDIVIDUAL INVESTIGATION IN HIGHER EDUCATION ADMINISTRATION 1-3 Credit Hours**

(Repeatable for credit) (Slashed with HIED 76596) Individual projects as agreed upon by the instructor and student.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Individual Investigation

**Contact Hours:** 3-9 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**HIED 66598 RESEARCH IN HIGHER EDUCATION ADMINISTRATION 2-8 Credit Hours**

(Repeatable for credit) Projects as assigned.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Research

**Contact Hours:** 2-8 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**HIED 66600 HISTORY OF HIGHER EDUCATION 3 Credit Hours**

(Cross-listed with CULT 69567 and CULT 79567)(Slashed with HIED 76600) Overview and exploration of history of higher education in the United States. Survey course covers ancient and medieval European antecedents, but focuses largely on American higher education from the 17th through the 20th century. Students explore changes in student body curricula and purposes of higher education in the United States in the context of American culture.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 66601 THE PRIVATE LIBERAL ARTS COLLEGE 3 Credit Hours**

(Slashed with HIED 76601) Explores a unique type of institution in American higher education, the private liberal arts college. Identifies common themes and challenges across institutions as well as the nature of specific examples of institutions.

**Prerequisite:** Higher education administration and student affairs major; and Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 66651 STUDENT AFFAIRS FUNCTIONS IN HIGHER EDUCATION 3 Credit Hours**

(Slashed with HIED 76651) Study of the history, philosophy, practices and organization of student affairs functions in higher education.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 66652 LAW AND HIGHER EDUCATION 3 Credit Hours**

(Slashed with HIED 76652) Provides for the examination of major legal aspects of the administration of institutions of higher learning.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 66653 COLLEGE STUDENT DEVELOPMENT: THEORY AND PRACTICE 3 Credit Hours**

(Slashed with HIED 76653) Study of theories concerning the development of college students and other adults, and the principles for translating theory into practice. Ed or Ed.S. Higher Education Administration and Student Affairs majors or students enrolled in any of the following graduate certificates: Career and Academic Advising, College Teaching, Community College Leadership, or Internationalization of Higher Education; and graduate standing.

**Prerequisite:** M.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 66654 STUDENTS AND THE COLLEGE ENVIRONMENT 3 Credit Hours**

(Slashed with HIED 76654) Study of the impact of different types of students and college environments on each other and within the context of a changing society.

**Prerequisite:** HIED 66653; and graduate standing; and special approval of instructor.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 66655 CASE STUDIES IN HIGHER EDUCATION ADMINISTRATION 3 Credit Hours**

(Slashed with HIED 76655) Study of management responsibilities and leadership issues of student affairs administrators.

**Prerequisite:** HIED 66652 and HIED 66653 and HIED 66657; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 66656 HIGHER EDUCATION CURRICULUM 3 Credit Hours**

(Slashed with HIED 76656) Introduces perspectives on curriculum development, implementation and assessment in higher education. Course addresses theoretical, historical, political and contemporary perspectives on higher education curriculum.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 66657 LEADERSHIP IN EDUCATION ORGANIZATIONS 3 Credit Hours**

(Slashed with HIED 76657) By learning to appraise their own leadership styles, students improve their leadership effectiveness and explore the relationship between leadership and college and university effectiveness. Ed or Ed.S. Higher Education Administration and Student Affairs major or Sport Administration major or students enrolled in any of the following graduate certificates: Career and Academic Advising, College Teaching, Community College Leadership, or Internationalization of Higher Education.

**Prerequisite:** M.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 66658 THE COMMUNITY COLLEGE 3 Credit Hours**

(Slashed with HIED 76658) A study of the foundations, structure, programs and issues of community college education in the United States.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 66660 FACULTY ROLES AND RESPONSIBILITIES 3 Credit Hours**

(Slashed with HIED 76660) A study of faculty roles and responsibilities in American higher education.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 66662 POLITICS AND POWER IN ORGANIZATIONS 3 Credit Hours**

(Slashed with HIED 76662) Course is designed to provide a conceptual framework for understanding the multifaceted processes of policy-making that take place in both internal and external settings in organizations.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 66663 STATUS OF WOMEN IN HIGHER EDUCATION 3 Credit Hours**

(Slashed with HIED 76663) Provides a comprehensive overview of the historical, contemporary and scholarly perspectives on women students, faculty, administrators and staff. Students explore why and how women and men experience higher education differently, by drawing on scholarly contributions, feminist theoretical and research perspectives and historical, cultural and psychological contexts. The course considers how the context, recognition of power, other dimensions of identities and desire to change society and the academy have fueled and shaped feminist study of the history and condition of women in higher education. Students explore these issues through various media, and they also have the opportunity to investigate a real-life problem of their choice.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 66664 SERVICE LEARNING IN HIGHER EDUCATION 3 Credit Hours**

(Slashed with HIED 76664) Examines the concepts, debate and principles of practice of service-learning in U.S. higher education. Focus is on developing knowledge about service-learning and enhancing skills and competencies for designing service-learning opportunities in higher education. The course involves an active, experiential component. Additionally, as a class, students investigate problem-based service-learning along a continuum of action to discern how it contributes to individual's civic efficacy.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter



**HIED 66665 TECHNOLOGY, SYSTEMS AND DATA IN HIGHER EDUCATION ADMINISTRATION 3 Credit Hours**

(Slashed with HIED 76665) Exploration of technology, systems and data analysis essential to the practice of higher education administration. Students examine and apply tools used for the organization, analysis and dissemination of information, including, but not limited to, ERP systems, learning management systems, web applications for data collection and office productivity software. Students perform tasks typically requested of administrators related to budget or workload management, managing lists and or rosters, exploring trend data for decision-making and generating charts, tables and other data for reporting needs. Survey design and construction using online applications are a significant component of this course. It is strongly advised that students taking the course have moderate experience with office productivity software.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 66666 FINANCIAL MANAGEMENT IN HIGHER EDUCATION 3 Credit Hours**

(Slashed with HIED 76666) Course covers financial issues, sources of funds, economics of education, financial roles of professional and academic administrators and the financial management skills as applicable to institutions of higher education.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 66667 BUSINESS ADMINISTRATION IN HIGHER EDUCATION 3 Credit Hours**

(Slashed with HIED 76667) Course introduces students to the administrative and business management of institutions of higher education. Covers topics on institutional planning, space management, insurance matters, personnel administration and purchasing and facility management.

**Prerequisite:** HIED 66657; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 66669 ADMINISTRATION OF STUDENT DISABILITY SERVICES IN HIGHER EDUCATION 3 Credit Hours**

(Slashed with HIED 76669) Understanding the legal and practical issues regarding the identification, accommodation and matriculation of students with disabilities into colleges and universities.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 66670 INTERNATIONALIZATION OF HIGHER EDUCATION INSTITUTIONS 3 Credit Hours**

(Slashed with HIED 76670) Students study the historical and current development of the internationalization of higher education institutions. They explore higher education administrative leadership characteristics; social, political and economic factors; and national and international relationships that have affected various countries and regions. They also examine rationales behind internationalization of higher education institutions, its meaning and approaches, and the different strategies and organizational models in different types of higher education institutions. Ed or Ed.S. Higher Education Administration and Student Affairs majors or students enrolled in any of the following graduate certificates: Career and Academic Advising, College Teaching, Community College Leadership, or Internationalization of Higher Education; and graduate standing.

**Prerequisite:** M.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 66671 THE ADMINISTRATION OF MULTICULTURALISM AND DIVERSITY IN HIGHER EDUCATION 3 Credit Hours**

(Slashed with HIED 76671) Course covers racial, ethnic and inclusive diversity and multiculturalism in U.S. higher education settings. Diversity is discussed from a historical perspective, providing a context for contemporary experiences described by and about students, staff, faculty and administrators. Main topics include multiculturalism in higher education in light of inclusive education; racial and ethnic diversity in higher education history; benefits of diversity; faculty issues; student issues; curriculum and pedagogy matters; research issues; law and policy issues; and strategic planning for institution diversity in higher education.

**Prerequisite:** Higher Education Administration and Student Affairs majors or students enrolled in any of the following graduate certificates: Career and Academic Advising, College Teaching, Community College Leadership, or Internationalization of Higher Education; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 66672 INTERNATIONAL STUDENTS AND AMERICAN COLLEGES 3 Credit Hours**

(Slashed with HIED 76672) Course bridges theory and application with an emphasis on the latter. The course begins with a national perspective and then concentrates on the various aspects and best practices of recruiting and supporting international students at the institutional level.

**Prerequisite:** Higher Education Administration and Student Affairs majors or students enrolled in any of the following graduate certificates: Career and Academic Advising, College Teaching, Community College Leadership, or Internationalization of Higher Education; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 66673 RESEARCH IN ADMINISTRATION OF INTERNATIONAL HIGHER EDUCATION 3 Credit Hours**

(Slashed with HIED 76673) Examines and analyzes research related to higher education administration in the field of international and global education. Implications for application of findings for improvement of colleges and universities at home and abroad is discussed thoroughly. **Prerequisite:** Higher education administration and student affairs major; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 66674 COMPARATIVE HIGHER EDUCATION 3 Credit Hours**

(Slashed with HIED 76674) Students learn the differences between comparative, international and cross-border education. They reflect on how the U.S. higher education system grew out of specific historical, cultural and socio-economic contexts and analyze the higher education systems and structures of other selected countries and regions, focusing on the contexts which have influenced their development. Students examine emerging trends in the globalization of qualifications frameworks and quality assessment standards, and define their own positions in aspects of the universal criteria/local contexts debate.

**Prerequisite:** Higher education administration and student affairs major; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 66675 DESIGN AND DELIVERY OF EDUCATION ABROAD PROGRAMS 3 Credit Hours**

(Slashed with HIED 76675) Students examine the many critical aspects of designing, planning and implementing an education abroad program. Students analyze components an education abroad program and, with others, design a new program. Students also consider the institutional contexts in which the program design occurs, on a campus or third-party organizational level, including design decisions about curriculum content and program delivery mechanisms, co-curricular activities and safety issues. Students also develop skills in conducting needs assessments and program evaluations.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 66676 INTERCULTURAL COMMUNICATION FOR INTERNATIONAL EDUCATORS 3 Credit Hours**

(Slashed with HIED 76676) Students examine both classic and evolving intercultural communication theories, with an emphasis on the practical application of those theories to working in intercultural environments in higher education. Students analyze cultural influences on individuals, through the reading of cultural biographies and reflection on cultural influences in their own lives. Definitions of intercultural competence and strategies for intercultural learning (particularly in higher education contexts) are reviewed, with implications for program design in education abroad, work with international students and other international education contexts.

**Prerequisite:** Higher Education Administration and Student Affairs majors or students enrolled in any of the following graduate certificates: Career and Academic Advising, College Teaching, Community College Leadership, or Internationalization of Higher Education; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 66677 WORKFORCE, ECONOMIC AND COMMUNITY DEVELOPMENT IN COMMUNITY COLLEGES 3 Credit Hours**

(Slashed with HIED 76677) Course examines the role of the community college in workforce, economic and community development and within the context of social, economic and technology shifts.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 66678 ISSUES AND TRENDS IN COMMUNITY COLLEGE ADMINISTRATION 3 Credit Hours**

(Slashed with HIED 76678) Course addresses current salient issues in community college administration. A variety of topics are examined as related to challenges for community college leaders arising from social, economic and political shifts.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 66679 CAREER ADVISING: THEORY AND PRACTICE 3 Credit Hours**

(Slashed with HIED 76679) Develop practical skills in providing developmentally appropriate theory based academic and career advising to assist individuals in adding meaningful and purposeful work into their lives.

**Prerequisite:** Graduate standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 other

**Grade Mode:** Standard Letter

**HIED 66680 ADMINISTRATION OF CAREER AND ADVISING SERVICES 1 Credit Hour**

(Slashed with HIED 76680) Examines contemporary issues in administration of career and academic advising services. Challenges students to rethink the models and methods used to prepare individuals to enter the workforce and navigate their careers.

**Prerequisite:** Graduate standing.

**Schedule Type:** Seminar

**Contact Hours:** 1 other

**Grade Mode:** Standard Letter

**HIED 66681 ADMINISTRATION OF ADVISING SERVICES 3 Credit Hours**

(Slashed with HIED 76681) Examines contemporary issues in administration of academic advising services. Challenges students to rethink models and methods used to prepare individuals to enter the workforce and navigate their careers.

**Prerequisite:** HIED 66653; and graduate standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 66733 INTERPERSONAL AND GROUP DYNAMICS IN EDUCATIONAL ORGANIZATIONS 3 Credit Hours**

(Slashed with HIED 76733) Students working in task groups learn about interpersonal, group and inter-group dynamics in organizations through lectures, discussions and analysis of their in-group experiences.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 66745 EQUITY, JUSTICE AND U.S. HIGHER EDUCATION 3 Credit Hours**

(Slashed with HIED 76745) Examines issues of equity and justice in the U.S. higher education, including historical origins, access to higher education, students' experiences within colleges and universities and outcomes of higher education. Course also focuses on the role of higher education as a social institution, including higher education as a public good and the intersection of higher education with current social issues such as labor and free speech.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 66749 ASSESSMENT AND ACCREDITATION IN HIGHER EDUCATION 3 Credit Hours**

(Slashed with HIED 76749) Course provides an understanding of current assessment and evaluation methods in higher education settings.

Topics span from individual course assessment through institutional accreditation processes.

**Prerequisite:** Higher Education Administration and Student Affairs majors or students enrolled in any of the following graduate certificates: Career and Academic Advising, College Teaching, Community College Leadership, Internationalization of Higher Education or Institutional Research and Assessment.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 66755 ADMINISTRATION OF INTERCOLLEGIATE ATHLETICS 3 Credit Hours**

(Slashed with HIED 86755) The purpose of this course is to analyze the various administrative roles in intercollegiate athletics within the context of higher education and examine the theory and practice associated with academic integrity and student-athlete wellbeing. In addition, this course will provide an overview of "best practices" pertaining to institutional control as governed by national, conference and institutional regulations.

**Prerequisite:** Higher Education Administration and Student Affairs major; and graduate standing.

**Schedule Type:** Lecture, Seminar

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 66789 PLANNING AND IMPLEMENTING STUDY ABROAD WHILE STUDYING ABROAD 3 Credit Hours**

Students learn the principles and practice of designing and delivering effective study- abroad programs through Kent State location in Florence, Italy. Students observe summer programs; study the principles of developing effective study abroad experiences; and meet with university program officials, faculty, facility support staff, private third-party providers of study abroad and the community, in addition to such onsite support services as legal advisors, health professionals and housing offices.

**Prerequisite:** Graduate standing.

**Schedule Type:** International Experience, Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter-IP

**HIED 70093 VARIABLE TOPIC WORKSHOP IN HIGHER EDUCATION ADMINISTRATION 1-6 Credit Hours**

(Slashed with HIED 60093) Variable topics# designed to respond to specialized needs of various groups with the contexts of trends, issues and problems in the various higher education disciplines.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Workshop

**Contact Hours:** 1-6 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**HIED 76492 INTERNSHIP IN HIGHER EDUCATION ADMINISTRATION 3-6 Credit Hours**

(Repeatable for a maximum of 12 credit hours) (Slashed with HIED 66492) Field-based internship of at least 150 clock hours, as approved by the program area faculty. Specific topics are outlined and shared at meetings prior to beginning internship.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Practical Experience

**Contact Hours:** 10-20 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**HIED 76521 EMPLOYMENT LAW 3 Credit Hours**

(Slashed with HIED 66521) Study of public and private sector bargaining law and all terms of employment.

**Prerequisite:** Higher education administration major; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 76592 INTERNSHIP IN COLLEGE TEACHING 3 Credit Hours**

(Repeatable for credit) (Slashed with HIED 66592) Application of course and lesson planning; instructional and evaluation skills under faculty supervision; lecturing, guiding group performance and evaluating performances. Arrangements made on individual basis.

**Prerequisite:** At least 12 hours in higher education; and doctoral standing; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 9 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**HIED 76595 SPECIAL TOPICS IN HIGHER EDUCATION ADMINISTRATION 3 Credit Hours**

(Slashed with HIED 66595) (Repeatable for credit) Specialized offerings in response to emerging or selected program needs.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 76596 INDIVIDUAL INVESTIGATION IN HIGHER EDUCATION ADMINISTRATION 1-3 Credit Hours**

(Repeatable for credit) (Slashed with HIED 66596) Individual projects as agreed upon by the instructor and student.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Individual Investigation

**Contact Hours:** 3-9 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**HIED 76598 RESEARCH IN HIGHER EDUCATION ADMINISTRATION 2-8 Credit Hours**

(Repeatable for credit) Projects as assigned.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Research

**Contact Hours:** 2-8 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**HIED 76600 HISTORY OF HIGHER EDUCATION 3 Credit Hours**

(Cross-listed with CULT 69567 and CULT 79567)(Slashed with HIED 66600) Overview and exploration of history of higher education in the United States. Survey course covers ancient and medieval European antecedents, but focuses largely on American higher education from the 17th through the 20th century. Students explore changes in student body curricula and purposes of higher education in the United States in the context of American culture.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 76601 THE PRIVATE LIBERAL ARTS COLLEGE 3 Credit Hours**

(Slashed with HIED 66601) Explores a unique type of institution in American higher education, the private liberal arts college. Identifies common themes and challenges across institutions as well as the nature of specific examples of institutions.

**Prerequisite:** Higher education administration major; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 76651 STUDENT AFFAIRS FUNCTIONS IN HIGHER EDUCATION 3 Credit Hours**

(Slashed with HIED 66651) Study of the history, philosophy, practices and organization of student affairs functions in higher education.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 76652 LAW AND HIGHER EDUCATION 3 Credit Hours**

(Slashed with HIED 66652) Provides for the examination of major legal aspects of the administration of institutions of higher learning.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 76653 COLLEGE STUDENT DEVELOPMENT: THEORY AND PRACTICE 3 Credit Hours**

(Slashed with HIED 66653) Study of theories concerning the development of college students and other adults, and the principles for translating theory into practice.

**Prerequisite:** PhD in Higher Education Administration major or EDD in Higher Education and Student Affairs major or students enrolled in any of the following graduate certificates: Career and Academic Advising, College Teaching, Community College Leadership, or Internationalization of Higher Education; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 76654 STUDENTS AND THE COLLEGE ENVIRONMENT 3 Credit Hours**

(Slashed with HIED 66654) Study of the impact of different types of students and college environments on each other and within the context of a changing society.

**Prerequisite:** HIED 76653; and doctoral standing; and special approval of the instructor.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 76655 CASE STUDIES IN HIGHER EDUCATION ADMINISTRATION 3 Credit Hours**

(Slashed with HIED 66655) Study of management responsibilities and leadership issues of student affairs administrators.

**Prerequisite:** HIED 76652 and 76653 and 76657; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 76656 HIGHER EDUCATION CURRICULUM 3 Credit Hours**

(Slashed with HIED 66656) Introduces perspectives on curriculum development, implementation and assessment in higher education and addresses theoretical, historical, political and contemporary perspectives on higher education curriculum.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 76657 LEADERSHIP IN EDUCATION ORGANIZATIONS 3 Credit Hours**

(Slashed with HIED 66657) By learning to appraise their own leadership styles, students improve their leadership effectiveness and explore the relationship between leadership and college and university effectiveness.

**Prerequisite:** PHD in Higher Education Administration major or EDD in Higher Education and Student Affairs major or students enrolled in any of the following graduate certificates: Career and Academic Advising, College Teaching, Community College Leadership, Internationalization of Higher Education, or Institutional Research and Assessment; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 76658 THE COMMUNITY COLLEGE 3 Credit Hours**

(Slashed with HIED 66658) A study of the foundations, structure, programs and issues of community college education in the United States.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 76660 FACULTY ROLES AND RESPONSIBILITIES 3 Credit Hours**

(Slashed with HIED 66660) A study of faculty roles and responsibilities in American higher education.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 76662 POLITICS AND POWER IN ORGANIZATIONS 3 Credit Hours**

(Slashed with HIED 66662) Course is designed to provide a conceptual framework for understanding the multifaceted processes of policy-making that take place in both internal and external settings in organizations.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 76663 STATUS OF WOMEN IN HIGHER EDUCATION 3 Credit Hours**

(Slashed with HIED 66663) Provides a comprehensive overview of the historical, contemporary and scholarly perspectives on women students, faculty, administrators and staff. Students explore why and how women and men experience higher education differently, by drawing on scholarly contributions, feminist theoretical and research perspectives and historical, cultural and psychological contexts. The course considers how the context, recognition of power, other dimensions of identities and desire to change society and the academy have fueled and shaped feminist study of the history and condition of women in higher education. Students explore these issues through various media, and they also have the opportunity to investigate a real-life problem of their choice.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 76664 SERVICE LEARNING IN HIGHER EDUCATION 3 Credit Hours**

(Slashed with HIED 66664) Examines the concepts, debate and principles of practice of service-learning in U.S. higher education. Focus is on developing knowledge about service-learning and enhancing skills and competencies for designing service-learning opportunities in higher education. The course involves an active, experiential component. Additionally, as a class, students investigate problem-based service-learning along a continuum of action to discern how it contributes to individual's civic efficacy.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 76665 TECHNOLOGY, SYSTEMS AND DATA IN HIGHER EDUCATION ADMINISTRATION 3 Credit Hours**

(Slashed with HIED 66665) Exploration of technology, systems and data analysis essential to the practice of higher education administration. Students examine and apply tools used for the organization, analysis and dissemination of information, including, but not limited to, ERP systems, learning management systems, web applications for data collection and office productivity software. Students perform tasks typically requested of administrators related to budget or workload management, managing lists and or rosters, exploring trend data for decision-making and generating charts, tables and other data for reporting needs. Survey design and construction using online applications are a significant component of this course. It is strongly advised that students taking the course have moderate experience with office productivity software.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 76666 FINANCIAL MANAGEMENT IN HIGHER EDUCATION 3 Credit Hours**

(Slashed with HIED 66666) Course covers financial issues, sources of funds, economics of education, financial roles of professional and academic administrators and the financial management skills as applicable to institutions of higher education.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 76667 BUSINESS ADMINISTRATION IN HIGHER EDUCATION 3 Credit Hours**

(Slashed with HIED 66667) Course introduces students to the administrative and business management of institutions of higher education. Covers topics on institutional planning, space management, insurance matters, personnel administration and purchasing and facility management.

**Prerequisite:** HIED 76657; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 76669 ADMINISTRATION OF STUDENT DISABILITY SERVICES IN HIGHER EDUCATION 3 Credit Hours**

(Slashed with HIED 66669) Understanding the legal and practical issues regarding the identification, accommodation and matriculation of students with disabilities into colleges and universities.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 76670 INTERNATIONALIZATION OF HIGHER EDUCATION INSTITUTIONS 3 Credit Hours**

(Slashed with HIED 66670) Students study the historical and current development of the internationalization of higher education institutions. They explore higher education administrative leadership characteristics; social, political and economic factors; and national and international relationships that have affected various countries and regions. They also examine rationales behind internationalization of higher education institutions, its meaning and approaches, and the different strategies and organizational models in different types of higher education institutions.

**Prerequisite:** PHD in Higher Education Administration major or EDD in Higher Education and Student Affairs major or students enrolled in any of the following graduate certificates: Career and Academic Advising, College Teaching, Community College Leadership, or Internationalization of Higher Education; and doctoral standing.

**Schedule Type:** Lecture  
**Contact Hours:** 3 lecture  
**Grade Mode:** Standard Letter

**HIED 76671 THE ADMINISTRATION OF MULTICULTURALISM AND DIVERSITY IN HIGHER EDUCATION 3 Credit Hours**

(Slashed with HIED 66671) Course covers racial, ethnic and inclusive diversity and multiculturalism in U.S higher education settings. Diversity is discussed from a historical perspective providing a context for contemporary experiences described by and about students, staff, faculty and administrators. Main topics include multiculturalism in higher education in light of inclusive education; racial and ethnic diversity in higher education history; benefits of diversity; faculty issues; student issues; administrator and leadership issues; curriculum and pedagogy matters; research issues; law and policy issues and strategic planning for institutional diversity in higher education.

**Prerequisite:** PHD in Higher Education Administration major or EDD in Higher Education and Student Affairs major or students enrolled in any of the following graduate certificates: Career and Academic Advising, College Teaching, Community College Leadership, or Internationalization of Higher Education; and doctoral standing.

**Schedule Type:** Lecture  
**Contact Hours:** 3 lecture  
**Grade Mode:** Standard Letter

**HIED 76672 INTERNATIONAL STUDENTS AND AMERICAN COLLEGES 3 Credit Hours**

(Slashed with HIED 66672) Course bridges theory and application with an emphasis on the latter. The course begins with a national perspective and then concentrates on the various aspects and best practices of recruiting and supporting international students at the institutional level.

**Prerequisite:** PHD in Higher Education Administration major or EDD in Higher Education and Student Affairs major or students enrolled in any of the following graduate certificates: Career and Academic Advising, College Teaching, Community College Leadership, or Internationalization of Higher Education; and doctoral standing.

**Schedule Type:** Lecture  
**Contact Hours:** 3 lecture  
**Grade Mode:** Standard Letter

**HIED 76673 RESEARCH IN ADMINISTRATION OF INTERNATIONAL HIGHER EDUCATION 3 Credit Hours**

(Slashed with HIED 66673) Examines and analyzes research related to higher education administration in the field of international and global education. Implications for application of findings for improvement of colleges and universities at home and abroad is discussed thoroughly.

**Prerequisite:** Higher education administration major; and doctoral standing.

**Schedule Type:** Lecture  
**Contact Hours:** 3 lecture  
**Grade Mode:** Standard Letter

**HIED 76674 COMPARATIVE HIGHER EDUCATION 3 Credit Hours**

(Slashed with HIED 66674) Students learn the differences between comparative, international and cross-border education. They reflect on how the United States higher education system grew out of specific historical, cultural and socio-economic contexts and analyze the higher education systems and structures of other selected countries and regions, focusing on the contexts which have influenced their development. Students examine emerging trends in the globalization of qualifications frameworks and quality assessment standards, and define their own positions in aspects of the universal criteria/local contexts debate.

**Prerequisite:** Higher education administration major; and doctoral standing.

**Schedule Type:** Lecture  
**Contact Hours:** 3 lecture  
**Grade Mode:** Standard Letter

**HIED 76675 DESIGN AND DELIVERY OF EDUCATION ABROAD PROGRAMS 3 Credit Hours**

(Slashed with HIED 66675) Students examine the many critical aspects of designing, planning and implementing an education abroad program. Students analyze components an education abroad program and, with others, design a new program. Students also consider the institutional contexts in which the program design occurs, on a campus or third-party organizational level, including design decisions about curriculum content and program delivery mechanisms, co-curricular activities and safety issues. Students also develop skills in conducting needs assessments and program evaluations.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture  
**Contact Hours:** 3 lecture  
**Grade Mode:** Standard Letter

**HIED 76676 INTERCULTURAL COMMUNICATION FOR INTERNATIONAL EDUCATORS 3 Credit Hours**

(Slashed with HIED 66676) Students examine both classic and evolving intercultural communication theories, with an emphasis on the practical application of those theories to working in intercultural environments in higher education. Students analyze cultural influences on individuals, through the reading of cultural biographies and reflection on cultural influences in their own lives. Definitions of intercultural competence and strategies for intercultural learning (particularly in higher education contexts) are reviewed, with implications for program design in education abroad, work with international students and other international education contexts.

**Prerequisite:** PHD in Higher Education Administration major or EDD in Higher Education and Student Affairs major or students enrolled in any of the following graduate certificates: Career and Academic Advising, College Teaching, Community College Leadership, or Internationalization of Higher Education; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 76677 WORKFORCE, ECONOMIC AND COMMUNITY DEVELOPMENT IN COMMUNITY COLLEGES 3 Credit Hours**

(Slashed with HIED 66677) Course examines the role of the community college in workforce, economic and community development and within the context of social, economic and technology shifts.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 76678 ISSUES AND TRENDS IN COMMUNITY COLLEGE ADMINISTRATION 3 Credit Hours**

(Slashed with HIED 66678) Course addresses current salient issues in community college administration. A variety of topics are examined as related to challenges for community college leaders arising from social, economic and political shifts.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 76679 CAREER ADVISING: THEORY AND PRACTICE 3 Credit Hours**

(Slashed with HIED 66679) Develop practical skills in providing developmentally appropriate theory based academic and career advising to assist individuals in adding meaningful and purposeful work into their lives.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 other

**Grade Mode:** Standard Letter

**HIED 76680 ADMINISTRATION OF CAREER AND ADVISING SERVICES 1 Credit Hour**

(Slashed with HIED 66680) Examines contemporary issues in administration of career and academic advising services. Challenges students to rethink the models and methods used to prepare individuals to enter the workforce and navigate their careers.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Seminar

**Contact Hours:** 1 other

**Grade Mode:** Standard Letter

**HIED 76681 ADMINISTRATION OF ADVISING SERVICES 3 Credit Hours**

(Slashed with HIED 66681) Examines contemporary issues in administration of academic advising services. Challenges students to rethink models and methods used to prepare individuals to enter the workforce and navigate their careers.

**Prerequisite:** HIED 76653; and doctoral standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 76733 INTERPERSONAL AND GROUP DYNAMICS IN EDUCATIONAL ORGANIZATIONS 3 Credit Hours**

(Slashed with HIED 66733) Students working in task groups learn about interpersonal, group and inter-group dynamics in organizations through lectures, discussions and analysis of their in-group experiences.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 76745 EQUITY, JUSTICE AND U.S. HIGHER EDUCATION 3 Credit Hours**

(Slashed with HIED 66745) Examines issues of equity and justice in U.S. higher education, including historical origins, access to higher education, students' experiences within colleges and universities, and outcomes of higher education. Course also focuses on the role of higher education as a social institution, including higher education as a public good and the intersection of higher education with current social issues such as labor and free speech.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 76749 ASSESSMENT AND ACCREDITATION IN HIGHER EDUCATION 3 Credit Hours**

(Slashed with HIED 66749) This course is designed to provide an understanding of current assessment and evaluation methods in higher education settings. Topics will span from course assessment through institutional accreditation processes.

**Prerequisite:** Higher Education Administration major or Higher Education and Student Affairs major or students enrolled in any of the following graduate certificates: Career and Academic Advising, College Teaching, Community College Leadership, Internationalization of Higher Education or Institutional Research and Assessment.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 80080 DISSERTATION PREPARATION SEMINAR 3 Credit Hours**

Students gain an in-depth understanding of the dissertation writing process to complete their dissertation proposal.

**Prerequisite:** PHD in Higher Education Administration major; and doctoral standing; and special approval.

**Schedule Type:** Seminar

**Contact Hours:** 3 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**HIED 80199 DISSERTATION I 15 Credit Hours**

(Repeatable for credit) Doctoral dissertation for which registration in at least two semesters is required, the first of which is a semester in which dissertation work is begun and continuation of 30 hours.

**Prerequisite:** PHD in Higher Education Administration major; and doctoral standing; and special approval.

**Schedule Type:** Dissertation

**Contact Hours:** 15 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**HIED 80299 DISSERTATION II 15 Credit Hours**

(Repeatable for credit) Continuing registration required of doctoral students who have completed the initial 30 hours of dissertation and continuing until all degree requirements are met. D. in higher education administration major; and doctoral Standing.

**Prerequisite:** HIED 80199; and Ph.

**Schedule Type:** Dissertation

**Contact Hours:** 15 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**HIED 86558 ADVANCED EDUCATIONAL LEADERSHIP 3 Credit Hours**

(Slashed with HIED 66558) Course provides the opportunity for students to gain additional knowledge and skills in educational leadership, to improve research writing and teaching skills# to share and discuss leadership knowledge and insights with their peers and to defend their work before their peers.

**Prerequisite:** HIED 76657; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 86559 ADVANCED STUDENT AND ADULT DEVELOPMENT 3 Credit Hours**

Students develop an in-depth understanding of one or more current theories of student or adult development. They gain additional knowledge in student development theory and theory creation.

**Prerequisite:** Higher education administration major; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HIED 86755 ADMINISTRATION OF INTERCOLLEGIATE ATHLETICS 3 Credit Hours**

(Slashed with HIED 66755) The purpose of this course is to analyze the various administrative roles in intercollegiate athletics within the context of higher education and examine the theory and practice associated with academic integrity and student-athlete wellbeing. In addition, this course will provide an overview of "best practices" pertaining to institutional control as governed by national, conference and institutional regulations.

**Prerequisite:** Higher Education Administration and Student Affairs major or Higher Education Administration major; and doctoral standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**Hospitality and Event Management (HEM)****HEM 13022 SANITATION AND SAFETY PRINCIPLES AND PRACTICES 3 Credit Hours**

This course is designed to prepare future hospitality managers to plan for and react to potentially dangerous situations that occur in the hospitality industry including food borne illness identification and prevention, safe alcohol service and management and CPR and First Aid administration. As part of the curriculum, students will train and become certified with the following regulatory authorities: ServSafe Manager/Ohio Level II food safety training, TIPs On Premise alcohol safety training and CPR/AED/1st Aid training.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**Attributes:** CTAG Culinary and Food Service, ITAG Culinary and Food Service

**HEM 13023 FUNDAMENTALS OF FOOD PRODUCTION 3 Credit Hours**

This course focuses on basic to intermediate culinary fundamentals in the commercial kitchen, as well as kitchen management practices and procedures.

**Prerequisite:** None.

**Schedule Type:** Laboratory, Lecture, Combined Lecture and Lab

**Contact Hours:** 1.5 lecture, 3 lab

**Grade Mode:** Standard Letter

**Attributes:** CTAG Culinary and Food Service

**HEM 13024 INTRODUCTION TO HOSPITALITY MANAGEMENT 3 Credit Hours**

An in-depth study of the career possibilities and opportunities in the hospitality and food service industries: including the aptitudes, skills, and knowledge needed to be successful. In a student's career venture and search for job satisfaction, the most rewarding decisions come from being aware of all the available options and career paths. The Hospitality Industry is vast in scope and volume of business. It is a growing, dynamic, and electrifying industry which will be examined initially through this intro course.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**Attributes:** CTAG Culinary and Food Service

**HEM 20040 THE BUSINESS OF EVENT MANAGEMENT 3 Credit Hours**

The course is designed as an introduction of the complex event management industry. The event planning cycle is the foundation for discovering the role of social life cycle events, non-profit and corporate events in our global economy.

**Prerequisite:** HEM 13024.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter



**HEM 20160 SAFETY AND SECURITY RISK MANAGEMENT 3 Credit Hours**

Students gain an understanding of the concepts related to risk management including duty of care, risk assessment, planning and evaluative of risk techniques used within the hospitality event management field. Focus will be on how to manage, reduce and transfer risks in order to provide a safe and secure environment for events.

**Prerequisite:** HEM 13024.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HEM 20201 FOOD AND BEVERAGE MANAGEMENT 3 Credit Hours**

This class is designed to provide students with key concepts and practical skills that they need to be effective foodservice managers. Emphasis is placed on the role of food and beverage in the hospitality industry, types of food and beverage, menu development and analysis, marketing, personnel management, supply chain management, corporate social responsibility.

**Prerequisite:** HEM 13022 and HEM 13023 and HEM 13024.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HEM 20250 ADVANCED FOOD PRODUCTION 3 Credit Hours**

A continuation of Fundamentals of Food Production. This course focuses on the integration of students' prior culinary training, academic studies and experience in the field with high quality ingredients, advanced cooking techniques and contemporary food preparation and stylings.

In building on fundamentals previously learned, the students will examine the details of cuisine including food science, regionality, history, seasoning and flavoring techniques, plating and presentation methods.

**Prerequisite:** HEM 13022 and HEM 13023 and HEM 13024.

**Schedule Type:** Laboratory, Lecture, Combined Lecture and Lab

**Contact Hours:** 1.5 lecture, 3 lab

**Grade Mode:** Standard Letter

**HEM 21095 SPECIAL TOPICS IN HOSPITALITY AND EVENT MANAGEMENT 1-4 Credit Hours**

(Repeatable for credit) Discussion of a major discipline or subject within the hospitality industry.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 1-4 lecture

**Grade Mode:** Standard Letter

**HEM 23030 HOTEL OPERATIONS 3 Credit Hours**

The purpose of this course is to give students a basic understanding of the overall hotel operations. Students will be introduced to the principles and practices of managerial functions relating to the operation of hotels and other accommodations.

**Prerequisite:** HEM 13024.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**Attributes:** CTAG Culinary and Food Service

**HEM 23212 INTRODUCTORY FOOD SCIENCE 3 Credit Hours**

(Cross-listed with NUTR 23012) Principles of food preparation and quality evaluation, with an emphasis on food science concepts, nutrition, food consumption trends and government regulation.

**Prerequisite:** NUTR 23511.

**Schedule Type:** Laboratory, Lecture, Combined Lecture and Lab

**Contact Hours:** 2 lecture, 3 lab

**Grade Mode:** Standard Letter

**Attributes:** TAG Health

**HEM 23335 HOSPITALITY EXPERIENCE MANAGEMENT 3 Credit Hours**

A significant element in the service industry is managing customers' experiences. In order to provide a comprehensive, inter- and multi-disciplinary view, the course will be constructed in three modules. The first module will present the characteristics and dynamics of the service encounter. The second module will focus on successful service encounters (service quality) and its outcome (customer experience). The third module will present the dynamics of service delivery process, including service failure and service recovery issues. The three modules of this course will provide an opportunity to understand the dynamics of the service encounter, to manage service quality and to learn how to better deliver service experience to customers.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HEM 23336 CLUB MANAGEMENT 3 Credit Hours**

Introduction to private club management and operations. Strategic planning, marketing, human resources, service excellence, legal issues and financial management will be emphasized within the context of food and beverage, golf and recreation.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HEM 23510 QUANTITY FOOD PRODUCTION, SERVICE AND SAFETY 3 Credit Hours**

(Cross-listed with NUTR 23510) The application of management principles in quantity food production and service systems, including safety and sanitation; production forecasting and management; distribution; and service, commercial equipment and physical facilities. Introduction to inventory, recipe standardization and considerations of nutrition, quality and sustainability in quantity production.

**Prerequisite:** NUTR 23112.

**Schedule Type:** Laboratory, Lecture, Combined Lecture and Lab

**Contact Hours:** 2 lecture, 3 lab

**Grade Mode:** Standard Letter

**HEM 30110 FUNDRAISING AND PHILANTHROPIC EVENT MANAGEMENT 3 Credit Hours**

This course will explore the role fundraising and philanthropy can play in the success of the non-profit and voluntary segments of the event and hospitality industry. The focus will center on sponsorship opportunities, grants, campaigns (capital and annual), planned giving and corporate partnerships and the intersection of events that support those components.

**Prerequisite:** HEM 13024.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HEM 30120 WEDDINGS AND SPECIAL EVENT PROTOCOL 3 Credit Hours**

The course provides an in-depth analysis of weddings and special event protocol. Coursework will include client detailing, site selection, contract negotiation, etiquette, budgeting, vendor relations, marketing, timeline development and public relations.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HEM 30280 FUNDAMENTALS OF FOOD AND BEVERAGE SERVICE 3 Credit Hours**

This course provides students with skills in service techniques, effective merchandising, guest relations, customer service, restaurant operations and service of beer, wine and spirits. Students will gain knowledge about equipment and use of equipment related to several styles of service, proper dress and sanitation, organization and responsibilities within the dining room.

**Prerequisite:** HEM 13022 and HEM 13023 and HEM 13024.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HEM 33020 LEGAL ISSUES IN THE HOSPITALITY AND EVENT INDUSTRY 3 Credit Hours**

Overview and analysis of legal issues of concern to the hospitality operation. Topics include employment law, food and beverage liabilities, patron civil rights, local, state, and federal regulations; and franchising.

**Prerequisite:** HEM 13022 and HEM 13024 and MGMT 24163.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HEM 33050 PROFESSIONAL PRACTICE IN HOSPITALITY AND EVENT MANAGEMENT 2 Credit Hours**

Prepares students for professional work experiences in hospitality management. Career development and professional workplace issues are addressed. Etiquette, resume writing and interview techniques are topics that will be covered, along with workplace relationships, networking and ethical dilemmas in hospitality management. Students must have documentation of 400 work hours.

**Prerequisite:** HEM 13024.

**Schedule Type:** Lecture

**Contact Hours:** 2 lecture

**Grade Mode:** Standard Letter

**HEM 33129 CATERING AND BANQUET MANAGEMENT 3 Credit Hours**

The course includes an in-depth analysis of all components of the catering profession including management, legal aspects, getting started in business, catering contracts, menu planning, beverage service, catering equipment, catering logistics, personnel, marketing, pricing, sanitation and safety practices, purchasing, accessory services, accounting and control practices.

**Prerequisite:** HEM 13022 and HEM 13024.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HEM 33140 CONVENTION SALES AND MANAGEMENT 3 Credit Hours**

From a sales and convention management perspective, the convention and meetings industry is examined. Students are introduced to all facets of the conventions and meetings industry.

**Prerequisite:** HEM 13024.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HEM 33145 BAKING AND PASTRY FUNDAMENTALS 3 Credit Hours**

Building on the theoretical and practical foundations of Baking and Pastry Fundamentals, this course will help students develop advanced skills and knowledge in the production and selection of quality handcrafted and purchased products. Scientific principles and experimental methods will be explored and addition emphasis will be placed on advanced decorating and finishing techniques, yeast breads, sweet doughs, cakes, tortes, chocolate work.

**Prerequisite:** None.

**Schedule Type:** Laboratory, Lecture, Combined Lecture and Lab

**Contact Hours:** 1 lecture, 4 lab

**Grade Mode:** Standard Letter

**Attributes:** CTAG Culinary and Food Service

**HEM 33270 GLOBAL CUISINE 3 Credit Hours**

Prepare, taste, serve, and evaluate traditional, regional dishes of Europe, Asia, and the Americas. Emphasis will be placed on history, ingredients, flavor profiles, preparations, and techniques representative of the cuisines.

**Prerequisite:** Sophomore standing.

**Schedule Type:** Laboratory, Lecture, Combined Lecture and Lab

**Contact Hours:** 1.5 lecture, 3 lab

**Grade Mode:** Standard Letter

**HEM 37377 CASINO MANAGEMENT AND GAMING OPERATIONS 3 Credit Hours**

Introduction to the various aspects of the casino and gaming industry. Students study the structure of casino organizations, gain basic understanding of gaming operations and responsible gaming. Casino environments are experienced through on-site visitations. Funds for travel are the student's responsibility, all students must be legal age of 21 prior to on-site class visitations.

**Prerequisite:** Special approval.

**Schedule Type:** Combined Lecture and Lab

**Contact Hours:** 2.5 lecture, 1 lab

**Grade Mode:** Standard Letter

**HEM 41093 VARIABLE TOPIC WORKSHOP IN HOSPITALITY AND EVENT MANAGEMENT 1-3 Credit Hours**

(Repeatable for credit) Workshop setting dealing with a topic or topics in hospitality and event management. Learning experiences are provided in a wide range of areas.

**Prerequisite:** None.

**Schedule Type:** Workshop

**Contact Hours:** 1-3 other

**Grade Mode:** Satisfactory/Unsatisfactory

**HEM 41095 SPECIAL TOPICS IN HOSPITALITY AND EVENT MANAGEMENT 1-4 Credit Hours**

(Repeatable for credit) Discussion of a major topic within a specific field of hospitality and event management.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 1-4 lecture

**Grade Mode:** Standard Letter

**HEM 41096 INDIVIDUAL INVESTIGATION IN HOSPITALITY AND EVENT MANAGEMENT 1-3 Credit Hours**

(Repeatable for credit) Independent study in hospitality and event management.

**Prerequisite:** Special approval.

**Schedule Type:** Individual Investigation

**Contact Hours:** 1-3 other

**Grade Mode:** Standard Letter

**HEM 43027 HOSPITALITY AND EVENT MANAGEMENT: HUMAN RESOURCE STRATEGIES (WIC) 3 Credit Hours**

Application of human resource management principles, practices, theories and legal issues relevant to hospitality organizations. Hospitality management focused case studies are incorporated.

**Prerequisite:** HEM 13022 and HEM 13023 and HEM 13024 and HEM 23030 and HRM 34180 and MGMT 24163 and MKTG 25010.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**Attributes:** Writing Intensive Course

**HEM 43030 FOOD SERVICE SYSTEMS MANAGEMENT 3 Credit Hours**

(Slashed with HTM 53030)(Cross-listed with NUTR 43030 and NUTR 53030) Food service systems management, including systems theory; menu planning and evaluation; procurement; food production systems; sustainability; layout and design basics. Management concepts in non-commercial food service, including financial control, marketing, quality, management, leadership and human resources.

**Prerequisite:** HEM 23212 or NUTR 23012; and HEM 23510 or NUTR 23510.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**Attributes:** TAG Health

**HEM 43031 LAYOUT AND DESIGN OF HOSPITALITY OPERATIONS 3 Credit Hours**

Analysis and planning for the layout and design of hospitality operations. Includes basic principles of design; space analysis; human factors; and equipment use, care, selection and layout for hospitality facilities based on the financial performance of the operation; codes and related regulations. An appreciation for cost effective engineering and architecture concerns pertaining to hospitality operations is developed.

**Prerequisite:** HEM 13022 and HEM 13023 and HEM 13024 and HEM 23030.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HEM 43092 PRACTICUM IN HOSPITALITY AND EVENT MANAGEMENT (ELR) 1-6 Credit Hours**

(Repeatable for credit) Supervised professional experience in the hospitality industry including operations such as restaurants, hotels, clubs, health care, theme parks and food distribution. Course assignments are included.

**Prerequisite:** HEM 13022 and HEM 13023 and HEM 13024 and HEM 23030 and HEM 33050; and junior or senior standing; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 6-36 other

**Grade Mode:** Satisfactory/Unsatisfactory

**Attributes:** Experiential Learning Requirement

**HEM 43099 CAPSTONE: STRATEGIC HOSPITALITY AND EVENT MANAGEMENT (ELR) 3 Credit Hours**

This capstone course provides a comprehensive view of the business setting of hospitality and tourism organizations. The course includes a review of the competitive business environments, competitive advantage, above-average performance and competitive strategies as they pertain to hospitality and tourism management. The course will highlight current strategic issues in hospitality and tourism management referring to the most recent literature (practitioners' literature and academic journals). The course concludes a capstone group case analysis of a business problem in hospitality management, food and beverage management or event management.

**Prerequisite:** HEM 13024 and HEM 23030 and MGMT 24163 and MKTG 25010.

**Schedule Type:** Lecture, Project or Capstone

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**Attributes:** Experiential Learning Requirement

**HEM 43143 HOSPITALITY MEETINGS AND EVENT MANAGEMENT 3 Credit Hours**

Exploration of the unique issues associated with managing hospitality meeting and event planning. Emphasis on management of association meetings, conventions and corporate events held in hospitality venues requiring food and beverage and/or lodging.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HEM 43226 FOOD AND BEVERAGE COST MANAGEMENT 3 Credit Hours**

This course provides a comprehensive study of the cost control aspects of food and beverage operations that, when managed effectively, lead to profitability and ultimately success. Topics include purchasing, labor, beverage and food cost management (prime costs), budgeting, forecasting, cost analysis, inventory control and the overall factors that lead to the financial success of a food and beverage service operation.

**Prerequisite:** HEM 13024 and HEM 23030.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HEM 43231 FOOD, WINE AND BEVERAGE PAIRING 3 Credit Hours**

Provides knowledge of the sensory relationship of food, wine, beer and other spirits and the important role this process has on hospitality operations. Topics include developing an understanding of wine, beer and food pairing as a hierarchical process. Menu development and cooking the food play an important role in this class; food is chosen first then paired with the appropriate beverage. Students must be 21 years old to enroll in the class. Students must be 21 years old to enroll in the class.

**Prerequisite:** Special approval.

**Schedule Type:** Laboratory, Lecture, Combined Lecture and Lab

**Contact Hours:** 1 lecture, 4 lab

**Grade Mode:** Standard Letter

**HEM 43325 HOSPITALITY MARKETING 3 Credit Hours**

Application of marketing principles, practices and theories relevant to hospitality organizations. Case studies drawn from the hospitality industry are incorporated.

**Prerequisite:** HEM 13024 and HEM 23030 and MGMT 24163 and MKTG 25010.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HEM 43329 HOSPITALITY FINANCIAL POLICY 3 Credit Hours**

Developing financial analysis skills and decision-making capabilities for short- and long-term financial management problems in the unique setting of service industries with a specific focus on hospitality organizations, restaurants, clubs, and resorts, through case analysis.

**Prerequisite:** HEM 13024 and HEM 23030 and MGMT 24163 and MKTG 25010.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HEM 43377 REVENUE MANAGEMENT 3 Credit Hours**

Introduction to both the theory and the practice of revenue management. Through optimization techniques and data analytics, this class examines how hospitality firms manage resources and production capacity as well as make financial decisions in order to maximize performance and profitability.

**Prerequisite:** HEM 13024 and HEM 23030 and MGMT 24163 and MKTG 25010.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HEM 43388 LEADERSHIP AND ORGANIZATIONAL BEHAVIOR IN THE HOSPITALITY INDUSTRY 3 Credit Hours**

This course provides students both study and practice in the latest concepts related to leadership and organizational behavior in the field of hospitality and to examine the factors that contribute to an ever-changing business world.

**Prerequisite:** HEM 13024 and MGMT 24163 and MKTG 25010.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**Hospitality and Tourism Management (HTM)****HTM 51092 HOSPITALITY AND TOURISM MANAGEMENT PROFESSIONAL PRACTICUM 3 Credit Hours**

(Repeatable for credit) Supervised professional experience in the hospitality and-or tourism industry including operations such as restaurants, hotels, clubs, resorts, theme parks and casinos. Minimum of 405 hours in the field.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 27 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**HTM 53025 HOSPITALITY MARKETING 3 Credit Hours**

Application of marketing principles, practices and theories relevant to hospitality organizations. Internet marketing in hospitality. Case studies drawn from the hospitality industry are incorporated.

**Prerequisite:** Graduate standing and special approval.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HTM 53027 HOSPITALITY HUMAN RESOURCE MANAGEMENT 3 Credit Hours**

Application of human resource management principles, practices, theories and legal issues relevant to hospitality organizations. Hospitality management focused case studies and current controversies are incorporated.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HTM 53029 HOSPITALITY FINANCIAL POLICY 3 Credit Hours**

Developing financial analysis skills and decision making capabilities for short-and long-term financial management problems in the unique setting of service industries with a specific focus on hospitality organizations, restaurants, clubs and resorts, through case analysis.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HTM 53030 FOOD SERVICE SYSTEMS MANAGEMENT 3 Credit Hours**

(Slashed with HEM 43030)(Cross-listed with NUTR 43030 and NUTR 53030) Food service systems management, including systems theory; menu planning and evaluation; procurement; food production systems; sustainability; layout and design basics. Management concepts in non-commercial food service, including financial control, marketing, quality, management, leadership and human resources.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HTM 53035 HOSPITALITY SERVICE QUALITY MANAGEMENT 3 Credit Hours**

Tourism and hospitality are service industries. A significant element in these industries is management of the service encounters which will be the focus this course. In order to provide a comprehensive, inter- and multi-disciplinary view, the course will be constructed in three modules. The first module will present the characteristics and dynamics of the service encounter. The second module will focus on successful service encounters (service quality) and its outcome (customer satisfaction). The third module will present the dynamics of service failure and service recovery. The three modules of this course will provide an opportunity to understand the dynamics of the service encounter, to manage service quality and to learn how to identify service failure and plan for service recovery.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HTM 53040 STRATEGIC HOTEL MANAGEMENT 3 Credit Hours**

The hotel manager's role as a strategic thinker is emphasized. Techniques such as co-alignment model, brand strategy, competitor analysis, market research, risk management and finance options are used to develop strategic plans in hotels.

**Prerequisite:** Graduate standing.

**Schedule Type:** Laboratory, Lecture, Combined Lecture and Lab

**Contact Hours:** 2 lecture, 2 lab

**Grade Mode:** Standard Letter

**HTM 53043 HOSPITALITY MEETINGS MANAGEMENT 3 Credit Hours**

Exploration of the unique issues associated with managing hospitality meeting and event planning. Emphasis on management of social association and corporate events, weddings, reunions, award banquets, receptions and annual meetings held in hospitality venues requiring food and beverage and/or lodging.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HTM 55047 GLOBAL ISSUES OF TOURISM TRADE 3 Credit Hours**

(Slashed with RPTM 45047) An examination of international and intercultural changes due to travel and tourism, particularly in economic, social and environmental areas. The studies include theories and cases and form the basis upon which a sustainable tourism policy is developed. The goal of the course is to prepare students for a leadership role in tourism policy making. The course has an emphasis on reading and discussion.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HTM 56000 TOURISM DEVELOPMENT AND RECREATIONAL TRAVEL 3 Credit Hours**

(Slashed with RPTM 46000) Investigation of travel and tourism development using an interdisciplinary social science approach.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HTM 61098 RESEARCH IN HOSPITALITY MANAGEMENT 1-15 Credit Hours**

(Repeatable for credit) Research for master's-level graduate students. Credit earned may be applied toward meeting degree requirements if school approves.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Research

**Contact Hours:** 1-15 other

**Grade Mode:** Standard Letter

**HTM 61099 MASTERS PROJECT IN HOSPITALITY MANAGEMENT 2-6 Credit Hours**

(Repeatable for credit) Completion and successful defense of master's project. Master's project students must register for a total of 6 credit hours, 2-6 in a single semester; distributed over several semesters if desired.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Research

**Contact Hours:** 2-6 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**HTM 61199 THESIS I 2-6 Credit Hours**

(Repeatable for credit) Thesis students register for a total of 6 credit hours, 2 to 6 hours in a single semester, distributed over several semesters if desired.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Masters Thesis

**Contact Hours:** 2-6 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**HTM 61299 THESIS II 2 Credit Hours**

(Repeatable for credit) Thesis II students must continue registration each semester until all degree requirements are met.

**Prerequisite:** HTM 61199; and graduate standing.

**Schedule Type:** Masters Thesis

**Contact Hours:** 2 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**HTM 63022 CURRENT ISSUES IN HOSPITALITY AND TOURISM MANAGEMENT 3 Credit Hours**

Current research and management issues in hospitality operations are explored through the peer-reviewed and professional literature. Management or revenue topics with implications for hospitality managers are included.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HTM 63024 MANAGEMENT OF FOOD AND NUTRITION SERVICES 3 Credit Hours**

Management issues in healthcare, food and nutrition services, child nutrition programs and other noncommercial food services will be examined. The impact of quality standards, public policy and current societal trends upon management of noncommercial operations will be studied.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HTM 63091 RESEARCH SEMINAR 1 Credit Hour**

(Repeatable for credit) Presentation and discussion of research and projects by students and faculty. 1 credit hour to be applied toward degree requirements.

**Prerequisite:** Graduate standing.

**Corequisite:** SPAD 63098 or SPAD 63199 or SPAD 63299 or HTM 61098 or HTM 61199 or HTM 61299.

**Schedule Type:** Seminar

**Contact Hours:** 1 other

**Grade Mode:** Standard Letter

**HTM 63095 SPECIAL TOPICS IN HOSPITALITY MANAGEMENT 1-3 Credit Hours**

(Repeatable for credit) Specialized offering of a major topic within hospitality management.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 1-3 lecture

**Grade Mode:** Standard Letter

**HTM 64099 HOSPITALITY AND TOURISM MANAGEMENT CAPSTONE**  
**3 Credit Hours**

This capstone course provides a comprehensive view of the business setting of hospitality and tourism organizations. The course includes a review of the competitive business environments, competitive advantage, above-average performance and competitive strategies as they pertain to hospitality and tourism management. The course will highlight current strategic issues in hospitality and tourism management referring to the most recent literature (practitioners' literature and academic journals). The course concludes with a capstone group case analysis of a business problem in hospitality and, or tourism.

**Prerequisite:** HTM 56000 or HTM 53025; and MIS 64005 or RMS 65510; and HTM 63022, HTM 65041 and HTM 65047; and graduate standing.

**Schedule Type:** Project or Capstone

**Contact Hours:** 3 lecture

**Grade Mode:** Satisfactory/Unsatisfactory

**HTM 65041 TOURISM AND HOSPITALITY REVIEW 3 Credit Hours**

Reviews academic tourism and hospitality literature to provide students with a theoretical and empirical understanding of the tourism phenomenon. Issues include tourist motivations; the social, cultural and environmental impacts of tourism; tourism and development; and the impact of hospitality services on tourism.

**Prerequisite:** HTM 56000; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**Professional Studies (PROS)****PROS 40095 SPECIAL TOPICS IN PROFESSIONAL STUDIES 1-3**  
**Credit Hours**

(Repeatable for credit) Selected topics in Professional Studies dependent upon interest.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 1-3 lecture

**Grade Mode:** Standard Letter

**PROS 40096 INDIVIDUAL INVESTIGATION IN PROFESSIONAL STUDIES**  
**1-3 Credit Hours**

(Repeatable for credit) Independent study completed under the supervision of a faculty member. Written approval of supervising faculty member required prior to registration.

**Prerequisite:** Special approval.

**Schedule Type:** Individual Investigation

**Contact Hours:** 1-3 other

**Grade Mode:** Standard Letter-IP

**PROS 44003 SEMINAR IN PROFESSIONAL STUDIES 3 Credit Hours**

Directed discussion applying concepts from previous educational coursework and internships or prior work experience.

**Prerequisite:** Senior standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 other

**Grade Mode:** Standard Letter-IP

**PROS 44004 RESEARCH AND WRITINGS IN PROFESSIONAL STUDIES**  
**(WIC) 3 Credit Hours**

This course presents and integrates the role of professionals in the education, health and human services fields as they attempt to meet the needs of individuals in diverse environments.

**Prerequisite:** Senior standing; and special approval.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter-IP

**Attributes:** Writing Intensive Course

**PROS 44005 EXPLORATION AND APPLICATION OF LEADERSHIP**  
**SKILLS FOR VARIED PROFESSIONAL SETTINGS 3 Credit Hours**

Leadership skills, for both personal and professional life, are explored and practiced. Topics include leadership concepts, including important qualities, skills and attributes. Activities, presentations and readings aid in the exploration and practice of those qualities and skills for a variety of career paths.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**PROS 44092 PRACTICUM IN PROFESSIONAL STUDIES (ELR) 1-12**  
**Credit Hours**

(Repeatable for credit) A culminating experiential learning opportunity near the end of students' formal academic studies. Students investigate and propose a placement at a work site that is congruent with their career interests and aspirations. Work sites are approved by the practicum advisor. Practicum is often completed in one semester, although two semesters of practicum are also possible.

**Prerequisite:** Professional Studies major; and senior standing; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 3-36 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**Attributes:** Experiential Learning Requirement

**Recreation, Park, and Tourism Management (RPTM)****RPTM 16000 FOUNDATIONS OF RECREATION AND LEISURE 3**  
**Credit Hours**

Historical examination of the park and recreation movement, sociological, economic, psychological and political considerations for the delivery of leisure and recreation services in contemporary society.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RPTM 16001 CAREER EXPLORATION IN RECREATION, PARK, AND**  
**TOURISM MANAGEMENT 1 Credit Hour**

Introduction to career opportunities in Recreation, Park, and Tourism Management. Includes public, non-profit, and commercial settings and site visits.

**Pre/corequisite:** RPTM 16000.

**Schedule Type:** Lecture

**Contact Hours:** 1 lecture

**Grade Mode:** Standard Letter

**RPTM 26010 COMMUNITY DEVELOPMENT IN RECREATION 3 Credit Hours**

Explores the contemporary and historical roles, organization and services of public and non-profit leisure service providers. Includes various theoretical perspectives on community organization and development as well as methods available to the recreation practitioner to facilitate the development of recreation services in communities.

**Prerequisite:** RPTM 16000.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RPTM 26030 LEADERSHIP IN RECREATION, PARKS AND TOURISM 3 Credit Hours**

Leadership concepts, principles, methods and techniques necessary for facilitating beneficial recreation activities for diverse populations.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RPTM 26060 INTRODUCTION TO GLOBAL TOURISM (DIVG) 3 Credit Hours**

(Cross-listed with GEOG 22040) Introduction to travel and tourism around the world. Students study tourism technologies and cultural and natural environments as attractions, benefits of travel, travel ethics and sustainable development.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**Attributes:** Diversity Global

**RPTM 26071 MAINTENANCE AND OPERATION OF AREAS AND FACILITIES 3 Credit Hours**

A systems approach for the effective maintenance and operation of areas and facilities.

**Prerequisite:** RPTM 16000.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RPTM 26081 PRINCIPLES OF OUTDOOR RECREATION 3 Credit Hours**

Introduction to outdoor recreation including historical and cultural perspectives, outdoor recreation resources, environmental aspects, trends and management.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RPTM 36010 RECREATION, LEISURE AND AGING 3 Credit Hours**

Knowledge and understanding of leisure and aging. Planning and implementing recreation programs and activities for enriching the lives of older persons.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RPTM 36040 INCLUSION OF PEOPLE WITH DISABILITIES IN LEISURE SERVICES (DIVD) 3 Credit Hours**

An examination of attitudes toward people with disabilities, characteristics of various disability groups, the role and responsibility of leisure service providers to be inclusive of all individuals and techniques for adapting programs.

**Prerequisite:** RPTM 26030.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**Attributes:** Diversity Domestic

**RPTM 36060 ENTREPRENEURIAL APPROACHES TO LEISURE AND HOSPITALITY SERVICES 3 Credit Hours**

Principles of commercial recreation and tourism services, including entrepreneurship, economic concepts of the for-profit recreation industries and management skills.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RPTM 36075 EXPERIENCE DESIGN IN RECREATION, PARK AND TOURISM SETTINGS 3 Credit Hours**

Programming leisure experiences within a socio-cultural context, involving understanding and assessing client behavior and needs, proficiency in experience design and implementation, and knowledge of evaluation methods reflective of a service-centered and benefits approach.

**Prerequisite:** RPTM 16000 and RPTM 26030.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RPTM 36081 ADVENTURE EDUCATION 3 Credit Hours**

Introduction to adventure education, the history and philosophy, initiatives, ropes courses, adventure curricula and the basics of outdoor leadership and process facilitation.

**Prerequisite:** RPTM 26030 and RPTM 26081.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RPTM 36082 INTERPRETATION OF NATURAL AND CULTURAL RESOURCES 3 Credit Hours**

Interpretation is the art of creating intellectual and emotional bonds between people and natural and cultural resources. Interpretation is commonly practiced in parks and other protected areas, zoos, museums and a variety of tourist attractions. This course provides students with the philosophies, concepts and practical techniques necessary to plan and present effective interpretation of natural and cultural resources.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RPTM 36083 ENVIRONMENTAL EDUCATION AND CONSERVATION 3 Credit Hours**

Environmental education helps people better understand the natural world and to develop attitudes and behaviors conducive to environmental conservation. Teaches students the foundations, principles and techniques of environmental education thus enabling students to prepare and present effective environmental education programs. Prerequisite: None

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RPTM 36085 LEISURE AND CULTURE (DIVD) 3 Credit Hours**

Leisure behaviors and beliefs for people from diverse cultures, factors perpetuating inequity in the United States and strategies for leisure programming in a pluralistic society.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**Attributes:** Diversity Domestic

**RPTM 36911 WILDERNESS AND REMOTE FIRST AID FOR PROFESSIONALS AND EDUCATORS 3 Credit Hours**

Students build first aid knowledge skills and behaviors through a variety of learning strategies to individually help in an emergency. A key focus is on how to work in limited resource environments or remote environments (i.e., foreign countries, wilderness, air travel). Then students learn and demonstrate how to prepare others, and be a leader during emergencies through practical experiences. Course is taught and assessed in a cognitively, physically, and emotionally stressed manner. This course includes three weekends and include outdoors experiences. Successful completion of the course may result in American Red Cross certification and Instructor status.

**Prerequisite:** None.

**Schedule Type:** Combined Lecture and Lab

**Contact Hours:** 1.5 lecture, 3 lab

**Grade Mode:** Standard Letter

**RPTM 45031 SPORT TOURISM 3 Credit Hours**

(Cross-listed with SPAD 45031) Course incorporates both theoretical learning of travel for sports as a global phenomenon and application of such knowledge in hosting a sporting event with travel as the focus. The experiential, cultural and economic aspects of sport tourism are examined. Students demonstrate their ability to prepare a sport tourism plan upon the completion of the course.

**Prerequisite:** Junior or senior standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RPTM 45047 GLOBAL ISSUES OF TOURISM TRADE 3 Credit Hours**

(Slashed with HTM 55047) An examination of international and intercultural changes due to travel and tourism, particularly in economic, social and environmental areas. The studies include theories and cases and form the basis upon which a sustainable tourism policy is developed. The goal of the course is to prepare students for a leadership role in tourism policy making. The course has an emphasis on reading and discussion.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RPTM 46000 TOURISM DEVELOPMENT AND RECREATIONAL TRAVEL 3 Credit Hours**

(Cross-listed with GEOG 42040)(Slashed with RPTM 56000) Investigation of travel and tourism development using an interdisciplinary social science approach.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RPTM 46030 DYNAMICS OF LEISURE BEHAVIOR (WIC) 3 Credit Hours**

(Slashed with RPTM 56030) Analysis of leisure behavior through an examination of social-psychological theories and research.

**Prerequisite:** RPTM 36040 and RPTM 36075.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**Attributes:** Writing Intensive Course

**RPTM 46060 ADMINISTRATION OF LEISURE SERVICES 3 Credit Hours**

(Slashed with RPTM 56060) Administrative practices of private and public leisure service agencies. Organization, philosophy, personnel and fiscal management, public relations and legal concerns are examined.

**Prerequisite:** RPTM 36040 and RPTM 36075.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RPTM 46070 PARK PLANNING 3 Credit Hours**

(Slashed with RPTM 56070) Understanding the relationship between recreation places and the people who use them. This includes the planning, design and functioning of public and commercial recreation places.

**Prerequisite:** RPTM 26081.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RPTM 46091 SEMINAR FOR INTERNSHIP PREPARATION 1 Credit Hour**

(Repeatable for credit) Planning and preparation for the internship experience in leisure service settings. Students should register for this course two semesters before enrolling in the internship course.

**Prerequisite:** Recreation, Park, and Tourism Management (RPTM) major and junior standing.

**Schedule Type:** Seminar

**Contact Hours:** 1 lecture

**Grade Mode:** Satisfactory/Unsatisfactory

**RPTM 46092 INTERNSHIP IN RECREATION (ELR) 9 Credit Hours**

(Repeatable for credit) Supervised full-time experience providing knowledge of overall agency operation in approved leisure setting.

**Prerequisite:** RPTM 46091; and senior standing; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 30 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**Attributes:** Experiential Learning Requirement



**RPTM 46095 SELECTED TOPICS IN RECREATION 1-3 Credit Hours**  
(Repeatable for a maximum of 6 credit hours) Selected topics dependent upon interest.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RPTM 46096 INDIVIDUAL INVESTIGATION IN RECREATION 1-3 Credit Hours**

(Repeatable for a maximum of 6 credit hours) Independent study completed under the supervision of a faculty member. Written approval of the supervising faculty member and school director required prior to registration.

**Prerequisite:** Junior standing; and special approval.

**Schedule Type:** Individual Investigation

**Contact Hours:** 3-9 other

**Grade Mode:** Standard Letter-IP

**RPTM 56030 DYNAMICS OF LEISURE BEHAVIOR 3 Credit Hours**

(Slashed with RPTM 46030) Analysis of leisure behavior through examination of social-psychological theories and research.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RPTM 56060 ADMINISTRATION OF LEISURE SERVICES 3 Credit Hours**

(Slashed with RPTM 46060) Administrative practices of private and public leisure service agencies. Organization, philosophy, personnel and fiscal management, public relations and legal concerns are examined.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RPTM 56070 PARK PLANNING 3 Credit Hours**

(Slashed with RPTM 46070) Understanding the relationship between recreation places and the people who use them. This includes the planning, design and functioning of public and commercial recreation places.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RPTM 65047 GLOBAL ISSUES OF TOURISM TRADE 3 Credit Hours**

An examination of international and intercultural changes due to travel and tourism, particularly in economic, social and environmental areas. The studies include theories and cases and form the basis upon which a sustainable tourism policy is developed. The goal of the course is to prepare students for a leadership role in tourism policy making. The course has an emphasis on reading and discussion.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RPTM 65061 PHILOSOPHICAL AND SOCIAL BASES OF LEISURE AND SPORT 3 Credit Hours**

(Slashed with RPTM 75061) Overview of philosophical and social foundations of leisure and sport. Contemporary theories and perspectives are examined.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RPTM 75061 PHILOSOPHICAL AND SOCIAL BASES OF LEISURE AND SPORT 3 Credit Hours**

(Slashed with RPTM 65061) Overview of philosophical and social foundations of leisure and sport. Contemporary theories and perspectives are examined.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

## Research, Measurement and Statistics (RMS)

**RMS 45610 CLASSROOM ASSESSMENT 3 Credit Hours**

(Slashed with RMS 55610 and RMS 75610) Instruction on contemporary and classic theories and issues in classroom assessment. Students learn about the purposes and strengths of informal and formal, traditional and alternative approaches to classroom assessment. Students examine both selected response assessments and constructed response assessments, develop assessment frameworks, identify alternative models of assessments, evaluate best practices in classroom assessment, and discuss respective advantages and disadvantages of multiple kinds of assessments.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RMS 50093 VARIABLE TOPIC WORKSHOP EVALUATION AND MEASUREMENT 1-4 Credit Hours**

(Repeatable once for a maximum of 6 credit hours) (Slashed with RMS 70093) Offered on request of school system. Enrollment limited to teachers, administrators or supervisors who are employed in sponsoring system and who are accepted to the university.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Workshop

**Contact Hours:** 1-4 other

**Grade Mode:** Satisfactory/Unsatisfactory

**RMS 55610 CLASSROOM ASSESSMENT 3 Credit Hours**

(Slashed with RMS 45610 and RMS 75610) Instruction on contemporary and classic theories on and issues in classroom assessment. Students will learn about the purposes and strengths of informal and formal, traditional and alternative approaches to classroom assessment. Students will examine both selected response assessments and constructed response assessments, develop assessment frameworks, identify alternative models of assessments, evaluate best practices in classroom assessment, and discuss respective advantages and disadvantages of multiple kinds of assessments.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RMS 60199 THESIS I 2-6 Credit Hours**

Thesis student must register for total of 6 hours, 2 to 6 hours in a single semester distributed over several semesters if desired.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Masters Thesis

**Contact Hours:** 2-6 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**RMS 60299 THESIS II 2 Credit Hours**

Thesis students must continue registration each semester until all degree requirements are met.

**Prerequisite:** RMS 60199; and graduate standing.

**Schedule Type:** Masters Thesis

**Contact Hours:** 2 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**RMS 65510 STATISTICS I FOR EDUCATIONAL SERVICES 3 Credit Hours**

(Slashed with RMS 75510) Introduction to descriptive and inferential statistics used in educational services research: univariate and bivariate techniques (correlations and simple regression); hypothesis testing; non-parametric techniques. Ordinarily taken in graduate course sequence.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RMS 65511 RESEARCH IN EDUCATIONAL SERVICES 3 Credit Hours**

Introduction to purposes and practice of qualitative and quantitative research related to educational services. Emphasis on elements of doing research and using products of research to support and enhance practice. Authentic examples used as illustration.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RMS 65515 QUANTITATIVE RESEARCH DESIGN AND ANALYSIS 3 Credit Hours**

(Slashed with RMS 85515) Introduction to quantitative research design and analysis in the social sciences. Students are introduced to various concerns and issues that arise in conducting quantitative research, as well as various quantitative research designs, including experimental, quasi-experimental, and non-experimental research approaches. Students will also learn to critically examine quantitative research reports in terms of reliability and validity. Additionally, students will be introduced to analysis of variance (ANOVA) procedures for analyzing quantitative research designs.

**Prerequisite:** RMS 65510; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RMS 65516 QUALITATIVE RESEARCH DESIGN 3 Credit Hours**

(Slashed with RMS 85516) Introduction to qualitative research approaches, design, and methods. Students learn about the theoretical underpinnings, nature, characteristics, and methods of qualitative research. Students are introduced to several types of qualitative research designs. They learn to engage in critical reading of qualitative research reports. Students also learn to design qualitative research studies.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RMS 65522 BASICS OF QUALITATIVE INTERVIEWING 1 Credit Hour**

(Slashed with RMS 75522) Specialized interviewing methods and techniques prior to engaging in qualitative research.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 1 lecture

**Grade Mode:** Standard Letter

**RMS 65530 PRACTITIONER INQUIRY 3 Credit Hours**

(Slashed with RMS 85530) This course prepares students to engage in practitioner research. It provides an overview of the history, theoretical, ethical, and practical issues related to engaging in practitioner work in a variety of fields. Research design, data collection and analysis are explored and practiced. Students will critique practitioner research and design their own practitioner research study.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RMS 65533 INTRODUCTION TO NARRATIVE INQUIRY AND ANALYSIS 1 Credit Hour**

(Slashed with RMS 75533) This course will introduce students to the "rapidly maturing" methodology, providing a foundational exploration of narrative techniques, the craft of good academic writing, and a practice of narrative analysis.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 1 lecture

**Grade Mode:** Standard Letter-IP

**RMS 68710 INTRODUCTION TO MEASUREMENT 3 Credit Hours**

(Slashed with RMS 78710) This course provides an introduction to the field of measurement/psychometrics. The theoretical foundations are those of Classical Test Theory and construct-based measure development. Some general topics include Classical Test Theory, Reliability and the calculation of reliability indices, Validity and the meaning and types of evidence for Validity, methods of scale construction and test bias.

**Prerequisite:** RMS 65510; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RMS 68711 MODERN TEST THEORY: ITEM RESPONSE THEORY 3 Credit Hours**

(Slashed with RMS 78711) The primary objective of the course is to provide students with knowledge and skills necessary to use item response theory methods and to organize, manipulate, analyze and interpret data from IRT applications. Some of the popular IRT computer programs are introduced.

**Prerequisite:** RMS 65510; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RMS 68713 MULTIVARIATE ANALYSIS IN EDUCATIONAL RESEARCH**  
**3 Credit Hours**

(Slashed with RMS 78713) Objectives are to enable students to select and use multivariate methods appropriately, to develop knowledge and skills necessary to conduct multivariate analyses using various statistical packages (SPSS, SAS) and to develop knowledge and skills necessary for interpreting results of multivariate analysis.

**Prerequisite:** RMS 65510; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RMS 68714 FACTOR ANALYSIS IN EDUCATIONAL RESEARCH**  
**3 Credit Hours**

(Slashed with RMS 78714) This course develops the ability of students to conceptualize and apply the logic and techniques of factor analysis. The focus is on both exploratory and confirmatory procedures.

**Prerequisite:** RMS 65510; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RMS 68715 SURVEY DESIGN AND APPLIED RESEARCH IN EDUCATION**  
**3 Credit Hours**

(Slashed with RMS 78715) Designed to be an introduction to survey design including the use of online survey applications data collection and will focus on applied quantitative research using SPSS. Open to any graduate students with appropriate prerequisite courses and an interest in applied quantitative research. The project-based course has two major components: survey construction and applied research. Students will perform tasks typically requested of data analysts, institutional researchers, and program evaluators including but not limited to SPSS data management, data transformations, descriptive and inferential analysis, and interpretation of results.

**Prerequisite:** RMS 65510; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RMS 68716 STATISTICS II: ANOVA AND NONPARAMETRIC TESTS**  
**3 Credit Hours**

The primary objective of the course is to develop students' understanding of statistical concepts and procedures sufficient for both conducting appropriate statistical analysis and interpreting the results. Authentic research examples are used throughout the course as illustrations of the different methods of conducting statistical analyses for the social sciences. This course is designed to lead students to become informed consumers of intermediate level statistical analyses, specifically analysis of variance (ANOVA) procedures, used in the social sciences.

**Prerequisite:** RMS 65510; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RMS 68728 MULTIPLE REGRESSION**  
**3 Credit Hours**

(Slashed with RMS 78728) The purpose of this course is to develop an understanding of use of multiple regression in the social sciences and related issues, including examining assumptions, diagnosis of outliers and influential data points, determining statistical power, testing for moderation and mediation, etc. The course begins with an introduction to simple models with two predictor variables, and continues to more advanced models, including those with three or more variables, categorical predictors, interactions, non-linear models, and logistic regression.

**Prerequisite:** RMS 65510; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RMS 68735 STRUCTURAL EQUATION MODELING**  
**3 Credit Hours**

(Slashed with RMS 78735) The purpose of this course is to develop an understanding of the basic concepts of structural equation modeling and the use of path analysis, confirmatory factor analysis, bi-factor and second-order CFA, multitrait-multimethod analysis, multiple sample-multiple group SEM, latent class model, and latent growth modeling covered under the theoretical framework of structural equation modeling. The course familiarizes students with these methods in order to (a) critique a research study with respect to the statistical analysis, and (b) select an appropriate model and be able to apply it.

**Prerequisite:** RMS 65510 and RMS 68728; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RMS 68745 HIERARCHICAL LINEAR MODELING**  
**3 Credit Hours**

(Slashed with RMS 78745) This course introduces methods for the analysis of multilevel data and emphasizes practical, hands-on development, analysis and interpretation of hierarchical linear models. Applications will be drawn from education, psychology, other social sciences, and health-related disciplines. Topic coverage includes development of multilevel models, estimation, hypothesis testing, statistical inference, model assessment and residual diagnostics, centering options and impact, treatment of heterogeneity, and introduction to longitudinal analysis via multilevel models.

**Prerequisite:** RMS 65510 and RMS 68728; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RMS 68791 SEMINAR IN EVALUATION AND MEASUREMENT**  
**1-5 Credit Hours**

(Repeatable for credit) Variable topic seminar for advance study of specialized topics and areas in evaluation and measurement; emphasis on theory and research findings as related to educational practice.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Seminar

**Contact Hours:** 1-5 other

**Grade Mode:** Standard Letter

**RMS 68795 SPECIAL TOPICS IN EVALUATION AND MEASUREMENT**  
**1-3 Credit Hours**

(Repeatable for credit) Specific topic course offering in response to emerging student or program needs in evaluation and measurement.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Lecture

**Contact Hours:** 1-3 lecture

**Grade Mode:** Standard Letter

**RMS 68796 INDIVIDUAL INVESTIGATION IN EVALUATION AND MEASUREMENT 1-3 Credit Hours**

(Repeatable for credit) Specific topic course offering in response to emerging student or program needs in evaluation and measurement.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Individual Investigation

**Contact Hours:** 1-3 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**RMS 68798 RESEARCH IN EVALUATION AND MEASUREMENT 1-15 Credit Hours**

(Repeatable for credit) Students pursue an individual research project on a specific topic in evaluation and measurement with approval and under direction of instructor.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Research

**Contact Hours:** 1-15 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**RMS 68806 HIGHER EDUCATION DATA AND INSTITUTIONAL RESEARCH 3 Credit Hours**

(Slashed with RMS 78806) This course is designed to be an overview of institutional research function and practice, introducing students to the purpose and history of IR, IR terminology and metrics, and IR application to a variety of university areas. The target audiences for this course are: 1) students with an evaluation and measurement background who are interested in applying their skills in a higher education context and 2) students from a higher education and or student affairs background who are looking to better understand higher education data and the applied research that occurs within an institution.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RMS 68807 PROGRAM EVALUATION 3 Credit Hours**

(Slashed with RMS 78807) Study of principles and techniques of evaluation and measurement, and utilization of evidence to improve teaching, learning and implementation programs.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RMS 70093 VARIABLE TOPIC WORKSHOP IN EVALUATION AND MEASUREMENT 1-4 Credit Hours**

(Repeatable for credit) (Slashed with RMS 50093) Offered on request of school system. Enrollment limited to teachers, administrators or supervisors who are employed in sponsoring system and who are accepted to the university.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Workshop

**Contact Hours:** 1-4 other

**Grade Mode:** Satisfactory/Unsatisfactory

**RMS 75510 STATISTICS I FOR EDUCATIONAL SERVICES 3 Credit Hours**

(Slashed with RMS 65510) Introduction to descriptive and inferential statistics used in educational services research: univariate and bivariate techniques (correlations and simple regression); hypothesis testing; non-parametric techniques. Ordinarily taken in graduate course sequence.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RMS 75522 BASICS OF QUALITATIVE INTERVIEWING 1 Credit Hour**

(Slashed with RMS 65522) Specialized interviewing methods and techniques prior to engaging in qualitative research.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 1 lecture

**Grade Mode:** Standard Letter

**RMS 75533 INTRODUCTION TO NARRATIVE INQUIRY AND ANALYSIS 1 Credit Hour**

(Slashed with RMS 65533) This course will introduce students to the "rapidly maturing" methodology, providing a foundational exploration of narrative techniques, the craft of good academic writing, and a practice of narrative analysis.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 1 lecture

**Grade Mode:** Standard Letter-IP

**RMS 75550 INTRODUCTION TO QUANTITATIVE RESEARCH IN EDUCATION 3 Credit Hours**

This course provides an introduction to the purposes, practices, and applications of quantitative research in the field of education. The course focuses on foundational knowledge related to the methods used for conducting quantitative research, evaluating quantitative research, and using products of research to support and enhance practice. Authentic examples are used as illustrations throughout the course. The course is designed to allow students to become informed consumers of quantitative research in education.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RMS 75610 CLASSROOM ASSESSMENT 3 Credit Hours**

(Slashed with RMS 45610 and RMS 55610) Instruction on contemporary and classic theories and issues in classroom assessment. Students will learn about the purposes and strengths of informal and formal, traditional and alternative approaches to classroom assessment. Students will examine both selected response assessments and constructed response assessments, develop assessment frameworks, identify alternative models of assessments, evaluate best practices in classroom assessment, and discuss respective advantages and disadvantages of multiple kinds of assessments.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RMS 78710 INTRODUCTION TO MEASUREMENT 3 Credit Hours**

(Slashed with RMS 68710) This course provides an introduction to the field of measurement/psychometrics. The theoretical foundations are those of Classical Test Theory and construct-based measure development. Some general topics include Classical Test Theory, Reliability and the calculation of reliability indices, Validity and the meaning and types of evidence for Validity, methods of scale construction and test bias.

**Prerequisite:** RMS 75510; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RMS 78711 MODERN TEST THEORY: ITEM RESPONSE THEORY 3****Credit Hours**

(Slashed with RMS 68711) The primary objective of the course is to provide students with knowledge and skills necessary to use item response theory methods and to organize, manipulate, analyze and interpret data from IRT applications. Some of the popular IRT computer programs are introduced.

**Prerequisite:** RMS 75510; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RMS 78713 MULTIVARIATE ANALYSIS IN EDUCATIONAL RESEARCH  
3 Credit Hours**

(Slashed with RMS 68713) Objectives are to enable students to select and use multivariate methods appropriately, to develop knowledge and skills necessary to conduct multivariate analyses using various statistical packages (SPSS, SAS) and to develop knowledge and skills necessary for interpreting results of multivariate analysis.

**Prerequisite:** RMS 75510; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RMS 78714 FACTOR ANALYSIS IN EDUCATIONAL RESEARCH 3  
Credit Hours**

(Slashed with RMS 68714) This course develops the ability of students to conceptualize and apply the logic and techniques of factor analysis. The focus is on both exploratory and confirmatory procedures.

**Prerequisite:** RMS 75510; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RMS 78715 SURVEY DESIGN AND APPLIED RESEARCH IN EDUCATION  
3 Credit Hours**

(Slashed with RMS 68715) Designed to be an introduction to survey design including the use of online survey applications data collection and will focus on applied quantitative research using SPSS. Open to any graduate students with appropriate prerequisite courses and an interest in applied quantitative research. The project-based course has two major components: survey construction and applied research. Students will perform tasks typically requested of data analysts, institutional researchers, and program evaluators including but not limited to SPSS data management, data transformations, descriptive and inferential analysis, and interpretation of results.

**Prerequisite:** RMS 75510; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RMS 78716 STATISTICS II: ANOVA AND NONPARAMETRIC TESTS 3  
Credit Hours**

(Slashed with RMS 68716) The primary objective of the course is to develop students' understanding of statistical concepts and procedures sufficient for both conducting appropriate statistical analysis and interpreting the results. Authentic research examples are used throughout the course as illustrations of the different methods of conducting statistical analyses for the social sciences. This course is designed to lead students to become informed consumers of intermediate level statistical analyses, specifically analysis of variance (ANOVA) procedures, used in the social sciences.

**Prerequisite:** RMS 75510; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RMS 78728 MULTIPLE REGRESSION 3 Credit Hours**

(Slashed with RMS 68728) The purpose of this course is to develop an understanding of use of multiple regression in the social sciences and related issues, including examining assumptions, diagnosis of outliers and influential data points, determining statistical power, testing for moderation and mediation, etc. The course begins with an introduction to simple models with two predictor variables, and continues to more advanced models, including those with three or more variables, categorical predictors, interactions, non-linear models, and logistic regression.

**Prerequisite:** RMS 75510; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RMS 78735 STRUCTURAL EQUATION MODELING 3 Credit Hours**

(Slashed with RMS 68735) The purpose of this course is to develop an understanding of the basic concepts of structural equation modeling and the use of path analysis, confirmatory factor analysis, bi-factor and second-order CFA, multitrait-multimethod analysis, multiple sample and multiple group SEM, latent class model, and latent growth modeling covered under the theoretical framework of structural equation modeling. The course familiarizes students with these methods in order to (a) critique a research study with respect to the statistical analysis, and (b) select an appropriate model and be able to apply it.

**Prerequisite:** RMS 75510 and RMS 78728; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RMS 78745 HIERARCHICAL LINEAR MODELING 3 Credit Hours**

(Slashed with RMS 68745) This course introduces methods for the analysis of multilevel data and emphasizes practical, hands-on development, analysis and interpretation of hierarchical linear models. Applications will be drawn from education, psychology, other social sciences, and health-related disciplines. Topic coverage includes development of multilevel models, estimation, hypothesis testing, statistical inference, model assessment and residual diagnostics, centering options and impact, treatment of heterogeneity, and introduction to longitudinal analysis via multilevel models.

**Prerequisite:** RMS 75510 and RMS 78728; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RMS 78806 HIGHER EDUCATION DATA AND INSTITUTIONAL RESEARCH 3 Credit Hours**

(Slashed with RMS 68806) This course is designed to be an overview of institutional research function and practice, introducing students to the purpose and history of IR, IR terminology and metrics, and IR application to a variety of university areas. The target audiences for this course are: 1) students with an evaluation and measurement background who are interested in applying their skills in a higher education context and 2) students from a higher education and or student affairs background who are looking to better understand higher education data and the applied research that occurs within an institution.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RMS 78807 PROGRAM EVALUATION 3 Credit Hours**

(Slashed with RMS 68807) Study of principles and techniques of evaluation and measurement, and utilization of evidence to improve teaching, learning and implementation programs.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RMS 78898 COMPARATIVE RESEARCH DESIGN 3 Credit Hours**

(Repeatable for credit) The course develops the ability of the student to conceptualize the design elements of educational research and to write results of studies.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Research

**Contact Hours:** 3 other

**Grade Mode:** Standard Letter

**RMS 80090 DOCTORAL RESIDENCY SEMINAR 3 Credit Hours**

Advanced doctoral residency seminar for students in all areas of educational foundations. Focus on current and emergent issues research and trends in education in multiple settings.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 other

**Grade Mode:** Standard Letter

**RMS 80199 DISSERTATION I 15 Credit Hours**

(Repeatable for credit) Doctoral dissertation for which registration in at least two semesters is required, first of which will be semester in which dissertation work is begun and continuing until the completion of 30 hours.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Dissertation

**Contact Hours:** 15 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**RMS 80299 DISSERTATION II 15 Credit Hours**

(Repeatable for credit) Continuing registration required of doctoral students who have completed the initial 30 hours of dissertation and continuing until all degree requirements are met.

**Prerequisite:** RMS 80199; and doctoral standing.

**Schedule Type:** Dissertation

**Contact Hours:** 15 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**RMS 85515 QUANTITATIVE RESEARCH DESIGN AND ANALYSIS 3 Credit Hours**

(Slashed with RMS 65515) Introduction to quantitative research design and analysis in the social sciences. Students are introduced to various concerns and issues that arise in conducting quantitative research, as well as various quantitative research designs, including experimental, quasi-experimental, and non-experimental research approaches. Students will also learn to critically examine quantitative research reports in terms of reliability and validity. Additionally, students will be introduced to analysis of variance (ANOVA) procedures for analyzing quantitative research designs.

**Prerequisite:** RMS 75510; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RMS 85516 QUALITATIVE RESEARCH DESIGN 3 Credit Hours**

(Slashed with RMS 65516) Introduction to qualitative research approaches, design, and methods. Students learn about the theoretical underpinnings, nature, characteristics, and methods of qualitative research. Students are introduced to several types of qualitative research designs. They learn to engage in critical reading of qualitative research reports. Students also learn to design qualitative research studies.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RMS 85517 ADVANCED QUANTITATIVE RESEARCH IN EDUCATIONAL SERVICES 3 Credit Hours**

Advanced quantitative research design and application in educational services. Statistical packages of instructional strategies with methodological principles focus, theoretical models and practical application of experimental and multivariate research design.

**Prerequisite:** RMS 85515; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RMS 85518 ADVANCED QUALITATIVE RESEARCH IN EDUCATIONAL SERVICES 3 Credit Hours**

Utilizes qualitative data in educational services. Applications in qualitative methodology (video techniques) and protocol analysis are applied and evaluated. Generate findings; develop applications to theory; reliability and validity considerations.

**Prerequisite:** RMS 85516; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RMS 85520 MIXED METHODS RESEARCH 3 Credit Hours**

This course provides an overview of theoretical and practical issues pertaining to mixed methods research in educational settings. This overview includes the history and philosophy of mixed methods research, types of mixed methods designs, and various strategies for mixed methods data collection and analysis. Course outcomes include the development of a rationale for mixed methods approaches, critique of published mixed methods educational research, and the design and preliminary implementation of a mixed methods research project.

**Prerequisite:** RMS 85515 and RMS 85516; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RMS 85530 PRACTITIONER INQUIRY 3 Credit Hours**

(Slashed with RMS 65530) This course prepares students to engage in practitioner research. It provides an overview of the history, theoretical, ethical, and practical issues related to engaging in practitioner work in a variety of fields. Research design, data collection and analysis are explored and practiced. Students will critique practitioner research and design their own practitioner research study.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RMS 85540 GROUNDED THEORY AND PHENOMENOLOGICAL RESEARCH 3 Credit Hours**

This course prepares students to engage in and argue for phenomenological research and grounded theory research. It provides an overview of the history, theoretical, and practical background related to various forms of phenomenological and grounded theory research. Research design, data collection and analysis are explored and practiced. Students will critique phenomenological and grounded theory research and design their own study or pilot a study of one of the two types.

**Prerequisite:** RMS 85516; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RMS 85550 ETHNOGRAPHY AND CASE STUDY RESEARCH 3 Credit Hours**

The purpose of this course is to provide doctoral students advanced instruction in two approaches to qualitative inquiry: ethnography and case study research. In addition to providing students with an understanding of the theoretical perspectives which underlie the methodological approach to case study and ethnographic research, the course is designed to provide numerous opportunities for students to learn and practice techniques for generating, analyzing, writing-up, and using both ethnographic and case study data.

**Prerequisite:** RMS 85516; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RMS 85560 CRITICAL SOCIAL RESEARCH 3 Credit Hours**

Critical social research refers to a diverse set of approaches to research that employ a critical ontological and epistemological lens. Critical researchers work from sets of assumptions about power in the social world articulated by some form of critical theory. This graduate course surveys a range of approaches to critical social research, engaging students in learning about the theoretical foundations and inquiry methods of these diverse approaches.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**RMS 88791 SEMINAR: EVALUATION AND MEASUREMENT 1-5 Credit Hours**

(Repeatable for credit) Variable topic seminar for advance study of specialized topics and areas in evaluation and measurement; emphasis on theory and research findings as related to educational practice.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Seminar

**Contact Hours:** 1-5 other

**Grade Mode:** Standard Letter

**RMS 88795 SPECIAL TOPICS: EVALUATION AND MEASUREMENT 1-3 Credit Hours**

(Repeatable for credit) Specific topic course offering in response to emerging student or program needs in evaluation and measurement.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Lecture

**Contact Hours:** 1-3 lecture

**Grade Mode:** Standard Letter

**RMS 88796 INDIVIDUAL INVESTIGATION IN EVALUATION AND MEASUREMENT 1-3 Credit Hours**

(Repeatable for credit) Specific topic course offering in response to emerging student or program needs in evaluation and measurement.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Individual Investigation

**Contact Hours:** 1-3 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**RMS 88798 RESEARCH IN EVALUATION AND MEASUREMENT 1-15 Credit Hours**

(Repeatable for credit) Students pursue an individual research project on a specific topic in evaluation and measurement of education with approval and under direction of instructor.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Research

**Contact Hours:** 1-15 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**Sports Administration (SPAD)****SPAD 15000 INTRODUCTION TO SPORT ADMINISTRATION 3 Credit Hours**

This course is designed to introduce students to the field of sport administration. Students will be made aware of the career options available to them in the sport management profession. All course materials, assignments and class discussions will emphasize both the understanding and application of key concepts across various aspects of the sport industry. Students will also be introduced to the sport administration major curriculum and requirements. Recommend first course in the sport administration program sequences.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPAD 15015 ORIENTATION TO PROFESSIONAL GOLF MANAGEMENT 1 Credit Hour**

An overview of opportunities and responsibilities in the golf profession. Emphasis on concepts, techniques and practices of teaching golf skills; understanding the PGA Constitution, rules of golf, tournament golf operations and golf car fleet management.

**Prerequisite:** Special approval.

**Schedule Type:** Lecture

**Contact Hours:** 1 lecture

**Grade Mode:** Standard Letter

**SPAD 25000 SPORT IN SOCIETY (DIVD) 3 Credit Hours**

Analysis of how sport relates to the social relations and cultural values of United States society. The course is framed by a critical evaluative perspective, examining how social class, ethnicity, race and gender relations contour sport practices.

**Prerequisite:** Sophomore standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**Attributes:** Diversity Domestic

**SPAD 25092 PRACTICUM I IN SPORT ADMINISTRATION (ELR) 1-3 Credit Hours**

(Repeatable for credit) A 105-hour (per credit) field experience in a sport administration setting.

**Prerequisite:** None.

**Schedule Type:** Practical Experience

**Contact Hours:** 7-21 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**Attributes:** Experiential Learning Requirement

**SPAD 25192 PRACTICUM IN PROFESSIONAL GOLF MANAGEMENT I (ELR) 1-3 Credit Hours**

(Repeatable for a maximum of 3 credit hours) A cumulative 105-hour (per credit) on-campus seminar and field experience in a professional golf management setting.

**Prerequisite:** SPAD 15015; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 7-21 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**Attributes:** Experiential Learning Requirement

**SPAD 35021 GOVERNANCE IN SPORT 3 Credit Hours**

Issues of governance in amateur and professional sports.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPAD 35025 FACILITY MANAGEMENT 3 Credit Hours**

Overview of planning, staffing, marketing and managing sport facilities and complexes. The primary emphasis in this course is on management, personnel and operations issues.

**Prerequisite:** Junior; or senior standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPAD 35065 HISTORY AND PHILOSOPHY OF SPORT AND PHYSICAL ACTIVITY (WIC) 3 Credit Hours**

Historical and philosophical foundations of sport and physical education; a study of factors influencing pedagogical, curricular and evaluation decisions in sport and physical education programs today.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**Attributes:** Writing Intensive Course

**SPAD 35092 PRACTICUM II IN SPORT ADMINISTRATION (ELR) 1-3 Credit Hours**

(Repeatable for credit) A 105-hour (per credit) field experience in a sport management setting.

**Prerequisite:** SPAD 25092.

**Schedule Type:** Practical Experience

**Contact Hours:** 7-21 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**Attributes:** Experiential Learning Requirement

**SPAD 35192 PRACTICUM IN PROFESSIONAL GOLF MANAGEMENT II (ELR) 1-3 Credit Hours**

(Repeatable for a maximum of 3 credit hours) A cumulative 105-hour (per credit) on-campus seminar and field experience in a professional golf management setting.

**Prerequisite:** SPAD 15015 and SPAD 25192; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 7-21 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**Attributes:** Experiential Learning Requirement

**SPAD 43018 ETHICS IN SPORT 3 Credit Hours**

(Slashed with SPAD 53018 and SPAD 73018) Examination of selected situations in sport from an ethical reasoning perspective. Students undertake a problem-oriented case study approach that is based upon contemporary moral issues and moral theory.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPAD 45015 GOLF MANAGEMENT II 2 Credit Hours**

An in-depth study of the business of golf. Topics include maintaining a high performance work environment and motivating techniques for staff, delegating assignments, managing performance problems, merchandise assortment plans, vendor relations, inventory management and merchandise display and promotion.

**Prerequisite:** SPAD 15015.

**Schedule Type:** Combined Lecture and Lab

**Contact Hours:** 1 lecture, 1 lab

**Grade Mode:** Standard Letter

**SPAD 45020 ORGANIZATION, ADMINISTRATION AND LEADERSHIP IN SPORT 3 Credit Hours**

Leadership is crucial in the sport industry. This course presents a wide array topics pertinent to leadership and administration in sport that will give students a better understanding of how to lead, serve and motivate the various constituent groups within the sport industry.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPAD 45022 EVENT PLANNING AND PRODUCTION 3 Credit Hours**

(Slashed with SPAD 55022) Students learn the proper planning process that all sport events undergo. Students apply these concepts in actual events that they develop and hold.

**Prerequisite:** MKTG 25010; and junior or senior standing.

**Schedule Type:** Laboratory, Lecture, Combined Lecture and Lab

**Contact Hours:** 2 lecture, 2 lab

**Grade Mode:** Standard Letter



**SPAD 45023 SPORT MARKETING 3 Credit Hours**

The course, which is designed around market planning, examines how to formulate market ideas, incorporate market research, select segmentation, targeting and positioning strategies, implement sales and promotion strategies and assess control procedures within the sport and entertainment industry.

**Prerequisite:** MKTG 25010.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPAD 45024 SPORT IN GLOBAL PERSPECTIVE 3 Credit Hours**

(Slashed with SPAD 55024) Students critically analyze how sport relates to general features of globalization and provide insight into the connection between global and local politics (including ethnic, religious, gender, environmental and sociospatial politics). The underlying assumption is that sport is part of a growing network of global interdependencies that bind human beings together.

**Prerequisite:** Senior standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPAD 45026 SPORT AND THE MEDIA 3 Credit Hours**

(Slashed with SPAD 55026) Course offers an introduction to current scholarship and issues concerning sport and the media, including critical analysis of media representations with attention to gender, race, sexuality and disability; an examination of the structure of sports journalism and production; and an analysis of the role of mediated sport in culture more generally. The roles of institutions, producers, texts and audiences and their relationships to each other are examined.

**Prerequisite:** Junior or senior standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPAD 45027 PUBLIC RELATIONS AND PROMOTION IN SPORT 3 Credit Hours**

Issues in public relations and promotion of sport such as advertising, crisis management, sales promotion and atmospherics.

**Prerequisite:** MKTG 25010.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPAD 45029 HISTORY AND CURRENT ISSUES IN COLLEGIATE ATHLETICS 3 Credit Hours**

(Slashed with SPAD 55029) Examination of the historical development of athletics within American institutions of higher learning, with an emphasis upon concepts and ideals that underlie the developments and the major problems affecting contemporary intercollegiate athletics.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPAD 45030 SPORT ENTERPRISE (WIC) 3 Credit Hours**

This is a capstone course for sport administration majors. The course which is designed around business planning for sport, examines how to formulate business ideas, select a legal form of organization, locate financing sources, assess the market, develop a human resource management system and establish budget control.

**Prerequisite:** Senior standing; and special approval.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**Attributes:** Writing Intensive Course

**SPAD 45031 SPORT TOURISM 3 Credit Hours**

(Cross-listed with RPTM 45031) (Slashed with SPAD 55031) Course incorporates both theoretical learning of travel for sports as a global phenomenon and application of such knowledge in hosting a sporting event with travel as the focus. The experiential, cultural and economic aspects of sport tourism are examined. Students demonstrate their ability to prepare a sport tourism plan upon the completion of the course.

**Prerequisite:** Junior or senior standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPAD 45032 SALES MANAGEMENT IN SPORT AND ENTERTAINMENT 3 Credit Hours**

(Slashed with SPAD 55032) Students are introduced to the area of sales-force management in sport and entertainment. Historical, theoretical and conceptual frameworks are examined thoroughly, as well as functions, activities and skills of the professional salesperson in the age of information and technology.

**Prerequisite:** Junior or senior standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPAD 45033 CHANGE YOUR MIND, GAME AND LIFE 1 Credit Hour**

(Slashed with SPAD 55033) Course focuses students on mental training to enhance sport performance and have personal growth experiences. Course assists students to tap into their inner potential by refocusing their mind, to learn they are responsible for their own life experiences, to learn that the things they want most in their lives are found within themselves and to take responsibility for their upsets.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 1 lecture

**Grade Mode:** Standard Letter

**SPAD 45034 ESPORT MANAGEMENT 3 Credit Hours**

(Slashed with SPAD 55034) Students will learn about the esports industry, its consumer and constituents. Also, students will investigate the steps and components necessary to manage esports teams and esports events.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPAD 45035 SPORTS WAGERING 3 Credit Hours**

(Slashed with SPAD 55035) This course investigates the sports wagering industry. Students will learn about the different forms of wagering, the statutes and cases impacting sports wagering as well as impact on society of increased access to sports wagering.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPAD 45050 SOCIAL PSYCHOLOGY OF SPORT 3 Credit Hours**

(Slashed with SPAD 55050 and SPAD 75050) Psychological, social and developmental factors of participation and behavior in sport exercise and recreational activities. Theoretical and applied perspectives addressed.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPAD 45091 SEMINAR FOR INTERNSHIP PREPARATION 1 Credit Hour**

(Repeatable for credit) This course prepares the students for the internship experience in sport administration. Students must successfully complete this course prior to registering for internship.

**Prerequisite:** Minimum 2.500 overall GPA; Senior standing and special approval.

**Schedule Type:** Seminar

**Contact Hours:** 1 other

**Grade Mode:** Standard Letter

**SPAD 45092 INTERNSHIP IN SPORT ADMINISTRATION (ELR) 3-12 Credit Hours**

(Repeatable for credit) Supervised full-time experience providing knowledge of overall agency operation in approved sport management setting. 50 contact hours per credit hour.

**Prerequisite:** SPAD 35092 and SPAD 45091; minimum 2.500 overall GPA; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 10-40 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**Attributes:** Experiential Learning Requirement

**SPAD 45096 INDIVIDUAL INVESTIGATION IN SPORT ADMINISTRATION 1-3 Credit Hours**

(Repeatable for a maximum of 12 credit hours) Individual investigation in sport administration. Faculty approval is required.

**Prerequisite:** Sport administration major; and special approval.

**Schedule Type:** Individual Investigation

**Contact Hours:** 1-3 other

**Grade Mode:** Standard Letter-IP

**SPAD 45192 INTERNSHIP IN PROFESSIONAL GOLF MANAGEMENT (ELR) 2-12 Credit Hours**

(Repeatable for credit) Supervised full-time experience providing knowledge of overall agency operation in approved sport administration, professional golf management setting. 100 contact hours per credit hour with seminar interactive requirements.

**Prerequisite:** SPAD 15015 and SPAD 25192; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 13-80 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**Attributes:** Experiential Learning Requirement

**SPAD 46028 SPORT IN FILM 3 Credit Hours**

(Slashed with SPAD 56028) Critically evaluates the role of sport in film as it relates to a variety of issues in society.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPAD 46080 LEGAL ISSUES IN SPORT AND RECREATION 3 Credit Hours**

(Slashed with SPAD 56080) A discussion of legal issues as they apply to the sport and recreation industries.

**Prerequisite:** Junior or senior standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPAD 46095 SPECIAL TOPICS IN SPORT ADMINISTRATION 1-3 Credit Hours**

(Repeatable for credit) Special topics in Sport Administration.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 1-3 lecture

**Grade Mode:** Standard Letter

**SPAD 50020 HIGH PERFORMANCE ATHLETES IN SPORT 3 Credit Hours**

(Slashed with SEPP 40020) This course provides an understanding of various aspects of training, coaching, and best practices in working with athletes in a high-performance environment along with an emphasis on the social-psychological factors related to the successful performance of elite level athletes and teams.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPAD 50221 EXERCISE PSYCHOLOGY 3 Credit Hours**

(Slashed with SEPP 40221) This course is designed to examine the science and practice of exercise psychology from both a theoretical and applied perspective. Students will be engaged in a comprehensive inquiry into behaviors and lifestyles that influence physical and mental health from physical activity, exercise, and psychological lenses. Students will explore topics such as stress, anxiety, cognitive functioning, mood, body image, personality, emotion, and childhood inactivity/obesity as they relate to exercise behaviors and contexts. Students will gain a general understanding of issues in exercise psychology related to theory, practice, and research. In addition, students will develop practical skills to promote exercise adherence and create an exercise intervention program.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPAD 53018 ETHICS IN SPORT 3 Credit Hours**

(Slashed with SPAD 43018 and SPAD 73018) Examination of selected situations in sport from an ethical reasoning perspective. Students undertake a problem-oriented case study approach that is based upon contemporary moral issues and moral theory.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPAD 53093 VARIABLE TITLE WORKSHOP IN SPORT ADMINISTRATION 1-3 Credit Hours**

(Repeatable for credit) Topics vary in sport studies. Maximum 4 credit hours may be applied to degree.

**Prerequisite:** Graduate standing.

**Schedule Type:** Workshop

**Contact Hours:** 1-3 other

**Grade Mode:** Satisfactory/Unsatisfactory

**SPAD 55007 PRINCIPLES AND APPLICATION OF SPORT PSYCHOLOGY 3 Credit Hours**

(Slashed with SEPP 45007) This course encompasses the most current developments in the field of psychology with a strong foundation of the principles of human behavior in the sport and movement sciences. It incorporates sound practical theory with a focus on the application of that knowledge to be readily used by students in a range of sport and movement science careers; such as athletic training, coaching, sport management, consulting, physical education teachers and related areas with the goal to improve the sport performance and experience for all.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPAD 55022 EVENT PLANNING AND PRODUCTION 3 Credit Hours**

(Slashed with SPAD 45022) Students learn the proper planning process that all sport events undergo. Students apply these concepts in actual events that they develop and hold.

**Prerequisite:** Graduate standing.

**Schedule Type:** Laboratory, Lecture, Combined Lecture and Lab

**Contact Hours:** 2 lecture, 2 lab

**Grade Mode:** Standard Letter

**SPAD 55024 SPORT IN GLOBAL PERSPECTIVE 3 Credit Hours**

(Slashed with SPAD 45024) Students critically analyze how sport relates to general features of globalization and provide insight into the connection between global and local politics (including ethnic, religious, gender, environmental and sociospatial politics). The underlying assumption is that sport is part of a growing network of global interdependencies that bind human beings together.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPAD 55026 SPORT AND THE MEDIA 3 Credit Hours**

(Slashed with SPAD 45026) Course offers an introduction to current scholarship and issues concerning sport and the media, including critical analysis of media representations with attention to gender, race, sexuality and disability; an examination of the structure of sports journalism and production; and an analysis of the role of mediated sport in culture more generally. The roles of institutions, producers, texts and audiences and their relationships to each other are examined.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPAD 55029 HISTORY AND CURRENT ISSUES IN COLLEGIATE ATHLETICS 3 Credit Hours**

(Slashed with SPAD 45029) Examination of the historical development of athletics within American institutions of higher learning, with an emphasis upon concepts and ideals that underlie the developments and the major problems affecting contemporary intercollegiate athletics.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPAD 55031 SPORT TOURISM 3 Credit Hours**

(Cross-listed with RPTM 45031) (Slashed with SPAD 45031) Course incorporates both theoretical learning of travel for sports as a global phenomenon and application of such knowledge in hosting a sporting event with travel as the focus. The experiential, cultural and economic aspects of sport tourism are examined. Students demonstrate their ability to prepare a sport tourism plan upon the completion of the course.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPAD 55032 SALES MANAGEMENT IN SPORT AND ENTERTAINMENT 3 Credit Hours**

(Slashed with SPAD 45032) Students are introduced to the area of sales-force management in sport and entertainment. Historical, theoretical and conceptual frameworks are examined thoroughly, as well as functions, activities and skills of the professional salesperson in the age of information and technology.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPAD 55033 CHANGE YOUR MIND, GAME AND LIFE 1 Credit Hour**

(Slashed with SPAD 45033) Course focuses students on mental training to enhance sport performance and have personal growth experiences. Course assists students to tap into their inner potential by refocusing their mind, to learn they are responsible for their own life experiences, to learn that the things they want most in their lives are found within themselves and to take responsibility for their upsets.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 1 lecture

**Grade Mode:** Standard Letter

**SPAD 55034 ESPORT MANAGEMENT 3 Credit Hours**

(Slashed with SPAD 45034) Students will learn about the esports industry, its consumer and constituents. Also, students will investigate the steps and components necessary to manage esports teams and esports events.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPAD 55035 SPORTS WAGERING 3 Credit Hours**

(Slashed with SPAD 45035) This course investigates the sports wagering industry. Students will learn about the different forms of wagering, the statutes and cases impacting sports wagering as well as impact on society of increased access to sports wagering. Prerequisite: Graduate Standing

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture, 0 lab, 0 other

**Grade Mode:** Standard Letter

**SPAD 55050 SOCIAL PSYCHOLOGY OF SPORT 3 Credit Hours**

(Slashed with SPAD 45050 and SPAD 75050) Psychological, social and developmental factors of participation and behavior in sport exercise and recreational activities. Theoretical and applied perspectives addressed.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPAD 55300 MOTIVATION IN SPORT, PERFORMANCE, AND MOVEMENT SETTINGS 3 Credit Hours**

(Slashed with SEPP 45300) This course provides an in-depth and wide-ranging look at motivational theories and its application to sport, performance and physical activity. It combines the many theoretical concepts of the diverse frameworks and principles with a survey of motivational interventions performed in the sport domain. Students will leave the class with a rigorous and comprehensive knowledge of constructs, cutting-edge research, effective interventions and future outlook of motivation in sport.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPAD 56028 SPORT IN FILM 3 Credit Hours**

(Slashed with SPAD 46028) Critically evaluates the role of sport in film as it relates to a variety of issues in society.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPAD 56030 DYNAMICS OF LEISURE BEHAVIOR 3 Credit Hours**

(Cross-listed with RPTM 46030) Analysis of leisure behavior through examination of social-psychological theories and research.

**Prerequisite:** RPTM 36040 and RPTM 36075; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPAD 56080 LEGAL ISSUES IN SPORT AND RECREATION 3 Credit Hours**

(Slashed with SPAD 46080) A discussion of legal issues as they apply to the sport and recreation industries.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPAD 58225 SPORT PERFORMANCE PSYCHOLOGICAL INTERVENTIONS 3 Credit Hours**

(Slashed with SEPP 48225) This course combines the theoretical concepts of sport and performance psychology with applied skill development to enhance performance. Students will gain knowledge of psychological skills training, learn techniques and develop confidence in their skills to work with athletes and performers. The focus of this course is on both, educational psychological interventions for personal development as well as teaching athletes strategies to enhance mental skill. Learning will be done hands-on, via case studies or scenario-based activities. Through the course of this class this course, students will create and present their individual program for an athlete or performer. This course will include learning and understanding the APA/AASP ethics' code to develop awareness of the boundaries of ethical conduct of the profession.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPAD 63091 RESEARCH SEMINAR 1 Credit Hour**

(Slashed with SPAD 73091) Presentation and discussion of research by faculty and students. Maximum 2 credit hours may be applied toward degree requirements.

**Prerequisite:** Graduate standing.

**Schedule Type:** Seminar

**Contact Hours:** 1 other

**Grade Mode:** Satisfactory/Unsatisfactory

**SPAD 63096 INDIVIDUAL INVESTIGATION IN SPORT ADMINISTRATION 1-3 Credit Hours**

(Repeatable for maximum 6 credit hours) Independent study completed under the supervision of a faculty member. Written approval of supervising faculty member and school director required prior to registration.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Individual Investigation

**Contact Hours:** 1-3 other

**Grade Mode:** Standard Letter-IP

**SPAD 63098 RESEARCH 1-6 Credit Hours**

(Repeatable for credit) Research carried out by the student under the supervision of a faculty member.

**Prerequisite:** Graduate standing.

**Schedule Type:** Research

**Contact Hours:** 3-18 other

**Grade Mode:** Standard Letter-IP

**SPAD 63195 SPECIAL TOPICS IN SPORT ADMINISTRATION 1-3 Credit Hours**

(Repeatable for credit) Selected and varied topics of relevance in sport administration.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 1-3 lecture

**Grade Mode:** Standard Letter

**SPAD 63199 THESIS I 2-6 Credit Hours**

(Repeatable for credit) Highly-individualized investigative study resulting in developing and writing a scholarly, comprehensive paper. Thesis students must register for a total of 6 credit hours, 2 to 6 credit hours in a semester distributed over several semesters if desired.

**Prerequisite:** Graduate standing.

**Schedule Type:** Masters Thesis

**Contact Hours:** 6-18 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**SPAD 63299 THESIS II 2 Credit Hours**

Highly-individualized investigative study resulting in developing and writing a scholarly, comprehensive paper. Thesis students must continue registration each semester until all degree requirements are met.

**Prerequisite:** SPAD 63199; and graduate standing.

**Schedule Type:** Masters Thesis

**Contact Hours:** 6 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**SPAD 65006 CONTEMPORARY ISSUES IN SPORT MANAGEMENT 3 Credit Hours**

(Slashed with SPAD 75006) A comprehensive examination of current topics impacting administrations of professional and amateur sport programs from the local to international level.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPAD 65008 SOCIOLOGY OF SPORT AND PHYSICAL ACTIVITY 3 Credit Hours**

(Slashed with SPAD 75008) Sociological analysis of sport from a theoretical and empirical perspective.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPAD 65021 ORGANIZATION AND MANAGEMENT OF SPORTS PROGRAMS 3 Credit Hours**

A study of the pragmatic understanding necessary in the organization and management of a sports program at the high school, college or professional level.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPAD 65031 SOCIAL PSYCHOLOGY OF SPORT 3 Credit Hours**

(Slashed with SPAD 75031) Psychological, social and developmental factors of participation and behavior in sport exercise and recreational activities. Theoretical and applied perspectives addressed.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPAD 65033 SPORT LAW 3 Credit Hours**

Course provides students with a basic understanding of tort, contract and constitutional law in relation to sport.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPAD 65034 CONTEMPORARY SPORT LAW 3 Credit Hours**

(Slashed with SPAD 75034) Legal principles of antitrust law, injunctions, labor law and agency in sport, with a focus on professional sports.

**Prerequisite:** SPAD 65033; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPAD 65036 SPORT IN HIGHER EDUCATION 3 Credit Hours**

Identification of contemporary problems and issues in collegiate sport, their history and the role of sport in colleges and universities now and in the future.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPAD 65037 NATIONAL COLLEGIATE ATHLETIC ASSOCIATION COMPLIANCE ADMINISTRATION 3 Credit Hours**

This course introduces students to basic NCAA compliance principles and the NCAA rules that affect the administration of a college athletic department. This course offers an understanding of the structure and function of a Division I compliance operation and explores compliance at the Divisions II & III level. The governing principles of institutional control and ethical conduct will be explored from a compliance perspective.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPAD 65038 SPORT PROMOTION AND FUNDRAISING 3 Credit Hours**

(Slashed with SPAD 75038) Analysis of contemporary sports promotions strategies, as well as promotion of fundraising tactics.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPAD 65039 FINANCIAL ASPECTS OF SPORT 3 Credit Hours**

Review of basic accounting, sources and uses of funds, capital budgeting, leasing and investments as they apply in a sports context. Students are introduced to financial software used in the sport industry.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPAD 65040 SPORT ECONOMICS 3 Credit Hours**

Course provides students with key economic theories and principles as applied to the sport industry.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPAD 65042 LEADERSHIP OF SPORT 3 Credit Hours**

Study of theoretical and applied constructs foundational to the leadership behavior applied to sport.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPAD 65045 SPORT MARKETING 3 Credit Hours**

Students develops an understanding of strategic marketing concepts and principles as they apply to the context of sport and entertainment. Students examine a variety of topics related to the marketing mix, consumer/fan behavior and research methodology. They also explore sport, entertainment and business organization relationships.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPAD 65046 FACILITY MANAGEMENT AND OPERATIONS 3 Credit Hours**

Analysis of management competencies necessary to operate sport facilities. Conceptual and technical aspects of planning and design are introduced.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPAD 65048 INTRAMURAL AND CLUB SPORT ADMINISTRATION 3 Credit Hours**

Students focus on developing an understanding of how these programs work and what role they play in various recreational environments. Course emphasizes decision-making techniques and communication skills leading to effective planning, organizing and managing a recreational sports-related service or product.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPAD 65092 INTERNSHIP IN SPORT ADMINISTRATION 2-4 Credit Hours**

(Repeatable for credit) Field experience involving supervised contact with sport administrators. Students work as an understudy with these administrators in all phases of their positions.

**Prerequisite:** Graduate standing and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 13-27 other

**Grade Mode:** Standard Letter-IP

**SPAD 73018 ETHICS IN SPORT 3 Credit Hours**

(Slashed with SPAD 43018 and SPAD 53018) Examination of selected situations in sport from an ethical reasoning perspective. Students undertake a problem-oriented case study approach that is based upon contemporary moral issues and moral theory.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPAD 73091 RESEARCH SEMINAR 1 Credit Hour**

(Slashed with SPAD 63091) Presentation and discussion of research by faculty and students. Maximum 2 credit hours may be applied toward degree requirements.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Seminar

**Contact Hours:** 1 other

**Grade Mode:** Satisfactory/Unsatisfactory

**SPAD 75006 CONTEMPORARY ISSUES IN SPORT MANAGEMENT 3 Credit Hours**

(Slashed with SPAD 65006) A comprehensive examination of current topics impacting administrations of professional and amateur sport programs from the local to international level.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPAD 75008 SOCIOLOGY OF SPORT AND PHYSICAL ACTIVITY 3 Credit Hours**

(Slashed with SPAD 65008) Sociological analysis of sport from a theoretical and empirical perspective.

**Prerequisite:** SPAD 75006; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPAD 75034 CONTEMPORARY SPORT LAW 3 Credit Hours**

(Slashed with SPAD 65034) Legal principles of antitrust law, injunctions, labor law and agency in sport, with a focus on professional sports.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPAD 75038 SPORT PROMOTION AND FUNDRAISING 3 Credit Hours**

(Slashed with SPAD 65038) Analysis of contemporary sports promotions strategies, as well as promotion of fundraising tactics.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPAD 75050 SOCIAL PSYCHOLOGY OF SPORT 3 Credit Hours**

(Slashed with SPAD 45050 and SPAD 55050) Psychological, social and developmental factors of participation and behavior in sport exercise and recreational activities. Theoretical and applied perspectives addressed.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

## School of Health Sciences

### Athletic Training (ATTR)

**ATTR 15001 INTRODUCTION TO CLINICAL ATHLETIC TRAINING I 2 Credit Hours**

An overview of the profession of athletic training; including employment opportunities, academic and clinical preparation; and introduction to basic knowledge and skills utilized in the profession. Emphasis on leadership, mentoring, ethics and research from an introductory perspective.

**Prerequisite:** Athletic training major.

**Schedule Type:** Combined Lecture and Lab

**Contact Hours:** 1 lecture, 2 lab

**Grade Mode:** Standard Letter

**ATTR 15002 INTRODUCTION TO SPORTS MEDICINE CAREERS 2 Credit Hours**

An overview of the profession of athletic training as well as other similar sports medicine fields; including employment opportunities, academic preparation and clinical preparation. Emphasis on leadership, mentoring, ethics and research from an introductory perspective.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 2 lecture

**Grade Mode:** Standard Letter

**ATTR 15011 INTRODUCTION TO CLINICAL ATHLETIC TRAINING II 2 Credit Hours**

Basic concepts and skills related to the professional domains of the athletic training profession including basic modalities and rehabilitation, research, ethics, palpations, and blood borne pathogens. Moderate to advanced Skills training in padding, splinting, wound care, equipment, bracing, tapings, wrappings, spine immobilization, and basic assessment techniques.

**Prerequisite:** Athletic training major.

**Schedule Type:** Combined Lecture and Lab

**Contact Hours:** 1 lecture, 2 lab

**Grade Mode:** Standard Letter

**ATTR 15012 DOCUMENTATION IN HEALTH CARE 2 Credit Hours**

Addresses clinical writing skills associated with documentation in health care. Addresses the legal, ethical, and practical needs for proper documentation in health care. Focus is on reading, writing and interpreting various forms of medical documentation including but not limited to SOAP notes, progress notes, treatment notes, clinical record keeping, and facility records. Electronic medical record techniques and other clinical record methods will be addressed.

**Prerequisite:** Sports medicine major or sports medicine: administration minor or sports medicine: general medical and emergency care or sports medicine: orthopedic patient care minor.

**Schedule Type:** Lecture

**Contact Hours:** 2 lecture

**Grade Mode:** Standard Letter

**ATTR 15092 PRACTICUM IN ATHLETIC TRAINING I (ELR) 3 Credit Hours**

The study and clinical application of the competencies in athletic training educational domains. Specific emphasis on the introductory cognitive and psychomotor, as well as foundational behaviors of professional practice. Clinical hours and completion of specific competencies are required.

**Prerequisite:** ATTR 15011; and special approval.

**Schedule Type:** Lecture, Practical Experience

**Contact Hours:** 2 lecture, 12 other

**Grade Mode:** Standard Letter-IP

**Attributes:** Experiential Learning Requirement

**ATTR 20001 SOCIOCULTURAL ASPECTS OF HEALTH CARE 3 Credit Hours**

Advanced examination of the sociocultural aspects of healthcare careers. Specific emphasis will be placed of the recognition of diverse patient populations and effectively addressing their unique needs. Cultural competence will be the focus of of the course and will address various aspects of sociocultural diversity; including but not limited to racial, ethnic, religious, socioeconomic, regional beliefs, and alternative approaches to healthcare.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ATTR 25036 RESPONDING TO EMERGENCIES 3 Credit Hours**

Principles of emergency care including prevention, management, and administrative aspects associated with injury and trauma. Practical competency in emergency care and first aid; American Red Cross Professional Rescuer Certification for CPR and AED.

**Prerequisite:** None.

**Schedule Type:** Laboratory, Lecture, Combined Lecture and Lab

**Contact Hours:** 2 lab, 2 other

**Grade Mode:** Standard Letter

**ATTR 25037 PHYSICAL ASSESSMENT TECHNIQUES AND KINESIOLOGY FOR THE LOWER EXTREMITY AND SPINE 3 Credit Hours**

Anatomical, clinical assessment and kinesiology related to injuries and illnesses common in athletic training and sports medicine. Emphasis on orthopedic assessment and kinesiology concepts of the Lower extremity and spine.

**Prerequisite:** ATTR 25036; and ATTR 25057 or EXSC 25057 or BSCI 11010 or BSCI 21010.

**Schedule Type:** Laboratory, Lecture, Combined Lecture and Lab

**Contact Hours:** 2 lecture, 2 lab

**Grade Mode:** Standard Letter

**ATTR 25038 PHYSICAL ASSESSMENT TECHNIQUES AND KINESIOLOGY FOR THE UPPER EXTREMITY, HEAD AND NECK 3 Credit Hours**

Anatomical, clinical assessment and kinesiology related to injuries and illnesses common in athletic training and sports medicine. Emphasis on orthopedic assessment and kinesiology concepts of the Upper Extremity, Health and neck.

**Prerequisite:** ATTR 25036 and ATTR 25037; and ATTR 25057 or EXSC 25057 or BSCI 11010 or BSCI 21010.

**Schedule Type:** Laboratory, Lecture, Combined Lecture and Lab

**Contact Hours:** 2 lecture, 2 lab

**Grade Mode:** Standard Letter

**ATTR 25057 HUMAN ANATOMY AND PHYSIOLOGY I (KBS) (KLAB) 4 Credit Hours**

(Cross-listed with EXSC 25057) Comprehensive examination of anatomy and physiology related to the organization of the body and basic cell and tissue types. Specific structure and function of the muscular, skeletal, integumentary and nervous systems are addressed.

**Prerequisite:** None.

**Schedule Type:** Combined Lecture and Lab

**Contact Hours:** 3 lecture, 2 lab

**Grade Mode:** Standard Letter

**Attributes:** Kent Core Basic Sciences, Kent Core Basic Sciences Lab

**ATTR 25058 HUMAN ANATOMY AND PHYSIOLOGY II (KBS) (KLAB) 4 Credit Hours**

(Cross-listed with EXSC 25058) Comprehensive examination of anatomy and physiology related to the human body under rest and exercise conditions. Specific structure and function of the metabolic, endocrine, lymphatic, digestive, urinary and reproductive systems are addressed. Advanced coverage of neurological, cardiovascular and respiratory systems are also addressed.

**Prerequisite:** ATTR 25057 or EXSC 25057 or BSCI 11010 or BSCI 21010.

**Schedule Type:** Combined Lecture and Lab

**Contact Hours:** 3 lecture, 2 lab

**Grade Mode:** Standard Letter

**Attributes:** Kent Core Basic Sciences, Kent Core Basic Sciences Lab

**ATTR 25092 PRACTICUM IN ATHLETIC TRAINING II (ELR) 3 Credit Hours**

The study and clinical application of the competencies in athletic training educational domains. Specific emphasis on the intermediate cognitive and psychomotor components. Clinical hours and completion of specific competencies are required.

**Prerequisite:** ATTR 15092.

**Schedule Type:** Lecture, Practical Experience

**Contact Hours:** 2 lecture, 15 other

**Grade Mode:** Standard Letter-IP

**Attributes:** Experiential Learning Requirement

**ATTR 35025 ESSENTIALS OF ATHLETIC INJURY MANAGEMENT 1 Credit Hour**

Common injuries related to physical activity and/or athletic participation from the cause, management and care perspectives. American Red Cross sport safety training certification (including adult/child CPR) will be granted. Emphasis on application of skills.

**Prerequisite:** None.

**Schedule Type:** Laboratory

**Contact Hours:** 1 lab

**Grade Mode:** Standard Letter

**ATTR 35037 ADVANCED PHYSICAL ASSESSMENT TECHNIQUES 3 Credit Hours**

Anatomical, medical and clinical assessment techniques for injuries and illnesses common to the physically active. Emphasis on neurological and non-orthopedic assessment strategies for proper referral and care.

**Prerequisite:** ATTR 25037; and ATTR 25058 or BSCI 11020 or BSCI 21020 or EXSC 25058.

**Schedule Type:** Laboratory, Lecture, Combined Lecture and Lab

**Contact Hours:** 2 lecture, 2 lab

**Grade Mode:** Standard Letter

**ATTR 35039 THERAPEUTIC MODALITIES 3 Credit Hours**

The study and practical application of physical modalities including physical principles, physiologic effects, indications/contraindications and standard application procedures. Safety and legal issues of modality usage are also addressed.

**Prerequisite:** ATTR 25036.

**Schedule Type:** Combined Lecture and Lab

**Contact Hours:** 3 other

**Grade Mode:** Standard Letter

**ATTR 35040 STRENGTH AND CONDITIONING 2 Credit Hours**

Demonstrate didactic understanding and clinical application of energy systems, anatomy and proper techniques for strength and conditioning exercises for practical applications with athletes.

**Prerequisite:** ATTR 25057 or EXSC 25057 or BSCI 11010 or BSCI 21010; and athletic training or exercise science, or physical education and sport performance or sports medicine majors or sports medicine: administration or sports medicine: general medical and emergency care or sports medicine: orthopedic patient care minors.

**Schedule Type:** Combined Lecture and Lab

**Contact Hours:** 1 lecture, 2 lab

**Grade Mode:** Standard Letter

**ATTR 35045 EMERGENCY MEDICAL TECHNICIAN-BASIC 5 Credit Hours**

Preparing for Emergency Medical Technician certification including patient assessment, airway and cardiac management, trauma management, medical patient management and clinical experience. Prepares students to challenge the National Registry Examination for the State of Ohio for EMT-Basic. Clinical hours are required for this course through Hudson EMS.

**Prerequisite:** Special approval.

**Schedule Type:** Laboratory, Lecture, Combined Lecture and Lab

**Contact Hours:** 2 lecture, 6 lab

**Grade Mode:** Standard Letter

**ATTR 35050 NEUROLOGICAL PROCESS FOR THE HEALTHCARE PROFESSIONAL 3 Credit Hours**

Advanced cognitive content in the areas of normal and pathological function of the nervous system and its components. Specific emphasis on the neurophysiological basis for motor learning, special senses, and memory serves to address the central and peripheral nervous system structure and function. Growth and Development and pathological responses to hypoxia, microbiologic agents, genetic derangements, nutritional deficiencies, chemicals, drugs and aging are addressed.

**Prerequisite:** ATTR 25057 or EXSC 25057 or BSCI 11010 or BSCI 21010; and ATTR 25058 or EXSC 25058 or BSCI 11020 or BSCI 21020.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ATTR 35054 BIOMECHANICS 3 Credit Hours**

(Cross-listed with EXSC 35054) Anatomical and mechanical bases of human movement. Emphasis is placed on tools and techniques for motion analysis, mechanical concepts, forces and performance analysis. Lecture and laboratory.

**Prerequisite:** ATTR 25057 or EXSC 25057 or BSCI 11010 or BSCI 21010.

**Schedule Type:** Combined Lecture and Lab

**Contact Hours:** 2 lecture, 2 lab

**Grade Mode:** Standard Letter



**ATTR 35062 EVIDENCE-BASED RESEARCH IN HEALTH CARE 3****Credit Hours**

An examination of evidence-based practice and evidence-based research in health care. The focus of the course will include understanding literature, research questions, methods of research, and how evidence-based research and evidence-based practice play a vital role in the delivery of modern day healthcare. Emphasis will be placed upon the process of evidence-based research, utilizing the outcomes of evidence-based research and the utilization of outcomes assessment in healthcare.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ATTR 35092 PRACTICUM IN ATHLETIC TRAINING III (ELR) 3 Credit Hours**

The study and clinical application of the competencies in athletic training educational domains. Specific emphasis on the intermediate and advanced cognitive and psychomotor components. Clinical hours and completion of specific competencies are required.

**Prerequisite:** ATTR 25092.

**Schedule Type:** Lecture, Practical Experience

**Contact Hours:** 2 lecture, 15 other

**Grade Mode:** Standard Letter-IP

**Attributes:** Experiential Learning Requirement

**ATTR 43018 ETHICAL LEADERSHIP FOR HEALTH CARE (WIC) 3 Credit Hours**

(Slashed with ATTR 53018) Examination of specific situations in healthcare from an ethical sensitivity, reasoning and decision making perspective. A problem-oriented case study approach based on contemporary moral issues and moral theory related to clinical and academic health professions. An examination and assessment of leadership styles and methods as they pertain to healthcare and healthcare administration.

**Prerequisite:** Senior standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**Attributes:** Writing Intensive Course

**ATTR 45017 PROFESSIONAL DEVELOPMENT IN ATHLETIC TRAINING 3 Credit Hours**

An investigation of the issues affecting the student athletic trainer as they prepare for an entry-level career in athletic training. Professional development issues and NATABOC exam preparation are included.

**Prerequisite:** Athletic Training majors only; and senior standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ATTR 45019 PROFESSIONAL RESPONSIBILITY AND MANAGEMENT IN HEALTH CARE 3 Credit Hours**

An investigation of the issues affecting the entry level healthcare providers. Professional development issues and career advancement are included. Investigation into current philosophies and legal aspects of healthcare management. Organization and administrative concepts and models will focus on the advancement of patient based healthcare.

**Prerequisite:** Senior standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ATTR 45038 ORGANIZATION AND ADMINISTRATION OF ATHLETIC TRAINING 3 Credit Hours**

(Slashed with ATTR 55038) Investigation into current philosophies and legal aspects of athletic training. Organization and administration of all aspects of athletic training programs.

**Prerequisite:** ATTR 25036.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ATTR 45039 THERAPEUTIC REHABILITATION 3 Credit Hours**

(Slashed with ATTR 55039) The study and clinical application of rehabilitation techniques including strategies for proper exercise selection based on anatomical and physiological considerations, program administration and guidelines for program progression.

**Prerequisite:** ATTR 25036; and ATTR 25057 or EXSC 25057 or BSCI 11010 or BSCI 21010.

**Schedule Type:** Combined Lecture and Lab

**Contact Hours:** 2 lecture, 1 lab

**Grade Mode:** Standard Letter

**ATTR 45040 PATHOLOGY AND PHARMACOLOGY FOR ALLIED HEALTH CARE PROVIDERS 3 Credit Hours**

(Slashed with ATTR 55040) Investigation of specific pathological conditions presented by professionals, including physicians and pharmacists. Will discuss common pathologies, associated pharmacological treatment and physiologic effects for various afflictions.

**Prerequisite:** ATTR 25058 or EXSC 25058 or BSCI 11020 or BSCI 21020.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ATTR 45041 ADVANCED THERAPEUTIC INTERVENTIONS 3 Credit Hours**

Addresses the physiological considerations of specific injuries and conditions commonly encountered in the athletic training profession. Focus is on contemporary rehabilitative programming for all of the major body regions. Specific units on Aquatic therapy and rehabilitation, Neurological considerations for rehabilitation, Return to Running Considerations, and Return to Throwing protocols are included.

**Prerequisite:** ATTR 25057 or EXSC 25057 or BSCI 11010 or BSCI 21010; and ATTR 25058 or EXSC 25058 or BSCI 11020 or BSCI 21020; and ATTR 35054 and ATTR 45039.

**Schedule Type:** Combined Lecture and Lab

**Contact Hours:** 2 lecture, 1 lab

**Grade Mode:** Standard Letter

**ATTR 45091 SENIOR SEMINAR IN ATHLETIC TRAINING 1 Credit Hour**

(Repeatable for credit) Contemporary issues related to preparing students for entry-level careers in the athletic training profession including development of the foundational behaviors of professional practice. Specific emphasis on employment preparation or graduate school preparation.

**Prerequisite:** Athletic Training major; and senior standing.

**Schedule Type:** Seminar

**Contact Hours:** 1 lecture

**Grade Mode:** Standard Letter

**ATTR 45096 INDIVIDUAL INVESTIGATION IN ATHLETIC TRAINING 1-3 Credit Hours**

(Repeatable for a maximum of 6 credit hours) Independent study completed under the supervision of a faculty member. Written approval of supervising faculty member and school director required prior to registration.

**Prerequisite:** Special approval.

**Schedule Type:** Individual Investigation

**Contact Hours:** 3-9 other

**Grade Mode:** Standard Letter-IP

**ATTR 45192 PRACTICUM IN ATHLETIC TRAINING IV (ELR) 3 Credit Hours**

The study and clinical application of competencies in athletic training educational domains. Specific emphasis on the advanced cognitive and psychomotor components. Clinical hours and completion of specific competencies are required.

**Prerequisite:** ATTR 35092.

**Schedule Type:** Lecture, Practical Experience

**Contact Hours:** 2 lecture, 15 other

**Grade Mode:** Standard Letter-IP

**Attributes:** Experiential Learning Requirement

**ATTR 45292 INTERNSHIP IN ATHLETIC TRAINING I (ELR) 3 Credit Hours**

Internship in approved athletic training setting under the direct supervision of a certified athletic trainer. Students complete 20 hours per week in a clinical experience.

**Prerequisite:** ATTR 45192; and special approval.

**Schedule Type:** Lecture, Practical Experience

**Contact Hours:** 1 lecture, 20 other

**Grade Mode:** Standard Letter-IP

**Attributes:** Experiential Learning Requirement

**ATTR 45392 INTERNSHIP IN ATHLETIC TRAINING II (ELR) 3 Credit Hours**

Internship in an approved athletic training setting under the supervision of a certified and licensed athletic trainer. Students are required to perform 20 hours per week in clinical experience.

**Prerequisite:** ATTR 45292; and special approval.

**Schedule Type:** Lecture, Practical Experience

**Contact Hours:** 1 lecture, 20 other

**Grade Mode:** Standard Letter-IP

**Attributes:** Experiential Learning Requirement

**ATTR 45492 INTER-PROFESSIONAL INTERNSHIP IN SPORTS MEDICINE (ELR) 3 Credit Hours**

(Repeatable for credit) Inter-professional internship experience in a sports medicine discipline. An internship experience in a sports medicine facility focusing on inter-professional dynamics and aspects of the discipline. A comprehensive clinical experience will be supported by engagement in the inter-professional environment through projects and professional development experiences. Integration of professionalism, professional development, and transition to practice in a sports medicine discipline drives this internship.

**Prerequisite:** Sports medicine major; and senior standing; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 9 other

**Grade Mode:** Standard Letter

**Attributes:** Experiential Learning Requirement

**ATTR 46095 SPECIAL TOPICS IN ATHLETIC TRAINING 1-3 Credit Hours**

(Repeatable for credit) Selected topics in athletic training dependent upon interest.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 1-3 lecture

**Grade Mode:** Standard Letter

**ATTR 53018 ETHICAL LEADERSHIP FOR HEALTH CARE 3 Credit Hours**

(Slashed with ATTR 43018) Examination of specific situations in healthcare from an ethical sensitivity, reasoning and decision making perspective. A problem-oriented case study approach based on contemporary moral issues and moral theory related to clinical and academic health professions. An examination and assessment of leadership styles and methods as they pertain to health care and health care administration.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ATTR 55038 ORGANIZATION AND ADMINISTRATION OF ATHLETIC TRAINING 3 Credit Hours**

(Slashed with ATTR 45038) Investigation into current philosophies and legal aspects of athletic training. Organization and administration of all aspects of athletic training programs.

**Prerequisite:** ATTR 25036; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ATTR 55039 THERAPEUTIC REHABILITATION 3 Credit Hours**

(Slashed with ATTR 45039) The study and clinical application of rehabilitation techniques including strategies for proper exercise selection based on anatomical and physiological considerations, program administration and guidelines for program progression.

**Prerequisite:** Graduate standing.

**Schedule Type:** Combined Lecture and Lab

**Contact Hours:** 2 lecture, 2 lab

**Grade Mode:** Standard Letter

**ATTR 55040 PATHOLOGY AND PHARMACOLOGY FOR ALLIED HEALTH CARE PROVIDERS 3 Credit Hours**

Investigation of specific pathological conditions presented by professionals, including physicians and pharmacists. Will discuss common pathologies, associated pharmacological treatments and physiologic effects for various afflictions.

**Prerequisite:** ATTR 25058 or EXSC 25058.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ATTR 60000 CADAVER ANATOMY AND APPLIED ASSESSMENT 6 Credit Hours**

Cadaver dissection with emphasis on the systems of the body to understand structure and function of the anatomical structures. Applied assessment components integrate functional assessment and diagnostic signs and symptoms of common athletic training conditions and injuries. Evidence-based assessment will be infused throughout the course.

**Prerequisite:** Athletic Training major within the Master of Science degree; and graduate standing.

**Schedule Type:** Laboratory, Lecture, Combined Lecture and Lab

**Contact Hours:** 3 lecture, 6 lab

**Grade Mode:** Standard Letter

**ATTR 61000 ACUTE INJURY DIAGNOSIS, TREATMENT AND MANAGEMENT 3 Credit Hours**

Mechanisms of acute injuries will provide the foundation for the integration of evidence-based knowledge in the diagnosis, treatment and management of athletic training injuries. Contemporary clinical guidelines and management strategies will provide a framework for critical thinking and practical application.

**Prerequisite:** Graduate standing.

**Schedule Type:** Laboratory, Lecture, Combined Lecture and Lab

**Contact Hours:** 2 lecture, 2 lab

**Grade Mode:** Standard Letter

**ATTR 62010 CONTEMPORARY ISSUES IN ATHLETIC TRAINING 3 Credit Hours**

A comprehensive examination of contemporary issues, trends and problems affecting athletic training professionals related to the domains of practice for athletic trainers.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ATTR 62012 EDUCATION AND SUPERVISION PROCESSES IN ATHLETIC TRAINING 3 Credit Hours**

A comprehensive examination of educational learning theories, curriculum design, evaluation and supervision strategies in athletic training education programs from didactic and clinical perspectives. Additional applications for continuing education programs will be included.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ATTR 62014 ADVANCED CLINICAL PROCEDURES IN ATHLETIC TRAINING AND SPORTS MEDICINE 3 Credit Hours**

Advanced clinical practice theory and skills as they relate to the profession of athletic training and sports medicine. Emphasis on contemporary clinical practice issues for a variety of athletic training and sports medicine professional settings.

**Prerequisite:** Graduate standing.

**Schedule Type:** Laboratory, Lecture, Combined Lecture and Lab

**Contact Hours:** 2 lecture, 2 lab

**Grade Mode:** Standard Letter

**ATTR 62016 CLINICAL INQUIRY IN ATHLETIC TRAINING 3 Credit Hours**

Principles of athletic training research methodologies with a focus on clinical athletic training research. Completion of a clinical research project will be required in this course.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ATTR 63091 RESEARCH SEMINAR 1 Credit Hour**

(Slashed with ATTR 73091) Presentation and discussion of research by faculty and students. A total of 2 credits may be applied toward degree requirements.

**Prerequisite:** Graduate standing.

**Schedule Type:** Seminar

**Contact Hours:** 1 other

**Grade Mode:** Satisfactory/Unsatisfactory

**ATTR 63094 COLLEGE TEACHING IN HEALTH SCIENCES 3 Credit Hours**

(Repeatable for a maximum of 6 credit hours) Guided teaching experiences in the Health Sciences. Specific emphasis on establishing and implementing a teaching philosophy in an instructional setting in the Health Sciences. Development of Professional Teaching Behaviors will be addressed. A comprehensive teaching experience rooted in contemporary teaching literature will guide this course.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Lecture, Seminar

**Contact Hours:** 1 lecture, 2 other

**Grade Mode:** Standard Letter

**ATTR 63096 INDIVIDUAL INVESTIGATION IN ATHLETIC TRAINING 1-3 Credit Hours**

(Repeatable for a maximum of 6 credit hours) Independent study completed under the supervision of a faculty member. Written approval of supervising faculty member and School director required prior to registration.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Individual Investigation

**Contact Hours:** 3-9 other

**Grade Mode:** Standard Letter-IP

**ATTR 63098 RESEARCH 1-15 Credit Hours**

(Repeatable for credit) Research carried out by the student under the supervision of a faculty member.

**Prerequisite:** Graduate standing.

**Schedule Type:** Research

**Contact Hours:** 1-15 other

**Grade Mode:** Standard Letter-IP

**ATTR 63193 VARIABLE TITLE WORKSHOP IN ATHLETIC TRAINING 1-3 Credit Hours**

(Repeatable for credit) Workshop in athletic training; topics vary. Maximum 4 hours applied to the degree.

**Prerequisite:** Graduate standing.

**Schedule Type:** Workshop

**Contact Hours:** 1-3 other

**Grade Mode:** Satisfactory/Unsatisfactory

**ATTR 63195 SPECIAL TOPICS IN ATHLETIC TRAINING 1-3 Credit Hours**

(Repeatable for a maximum of 6 credit hours) Selected and varied topics of relevance in athletic training.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 1-3 lecture

**Grade Mode:** Standard Letter

**ATTR 63199 THESIS I 2-6 Credit Hours**

(Repeatable for credit) Thesis students must register for a total of 6 hours, 2 to 6 hours in a semester distributed over several semesters if desired.

**Prerequisite:** Graduate standing.

**Schedule Type:** Masters Thesis

**Contact Hours:** 2-6 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**ATTR 63299 THESIS II 2 Credit Hours**

Thesis students must continue registration each semester until all degree requirements are met.

**Prerequisite:** ATTR 63199; and graduate standing.

**Schedule Type:** Masters Thesis

**Contact Hours:** 2 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**ATTR 65001 CLINICAL PRACTICE I: PREVENTION AND WELLNESS 3 Credit Hours**

Clinical practicum in an athletic training setting under the direct supervision of a certified, licensed health care provider. Emphasis on the development of clinical competencies related to prevention of injuries and medical conditions and overall wellness will be the primary focus. Engagement in an inter-professional environment with specific competencies for research and ethical case analysis are required. Students must complete a minimum of 180 hours in clinicals.

**Prerequisite:** Athletic Training major within the Master of Science degree; and graduate standing.

**Schedule Type:** Clinical Laboratory

**Contact Hours:** 12 other

**Grade Mode:** Standard Letter

**ATTR 65002 CLINICAL PRACTICE II: ADVANCED HEAD, NECK AND ORTHOPEDIC 3 Credit Hours**

Clinical practicum in an athletic training setting under the direct supervision of a certified, licensed health care provider. Emphasis on the development of clinical competencies related to Head, Neck, and Orthopedic conditions and overall wellness will be the primary focus. Engagement in an inter-professional environment with specific competencies for research and ethical case analysis are required. Student must complete a minimum of 180 hours in clinicals.

**Prerequisite:** Athletic Training major within the Master of Science degree; and graduate standing.

**Schedule Type:** Clinical Laboratory

**Contact Hours:** 12 other

**Grade Mode:** Standard Letter

**ATTR 65003 CLINICAL PRACTICE III: GENERAL MEDICAL 3 Credit Hours**

Clinical practicum in an athletic training setting under the direct supervision of a certified, licensed health care provider. Emphasis on the development of clinical competencies related to general medical conditions will be the primary focus. Engagement in an inter-professional environment including rotations with physicians and/or nurse practitioners with specific competencies for research and ethical case analysis are required. Student must complete a minimum of 180 hour in clinicals.

**Prerequisite:** Athletic Training major within the Master of Science degree; and graduate standing.

**Schedule Type:** Clinical Laboratory

**Contact Hours:** 12 other

**Grade Mode:** Standard Letter

**ATTR 65004 BIOMECHANICS 3 Credit Hours**

(Cross-listed with EXPH 75004) Survey of biomechanics, with particular emphasis on skeletal muscle mechanics.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ATTR 65005 CLINICAL PRACTICE IV: ADVANCED COMPETENCIES 3 Credit Hours**

Clinical practicum in an athletic training setting under the direct supervision of a certified, licensed health care provider. Emphasis on the development of clinical competencies related to advanced competencies and skills in athletic training will be the primary focus. Engagement in an inter-professional environment with specific competencies for research and ethical case analysis are required. Student must complete a minimum of 180 hours in clinicals.

**Prerequisite:** Athletic Training major within the Master of Science degree; and graduate standing.

**Schedule Type:** Clinical Laboratory

**Contact Hours:** 12 other

**Grade Mode:** Standard Letter

**ATTR 65037 PHYSICAL AGENTS IN ATHLETIC TRAINING AND SPORTS MEDICINE 3 Credit Hours**

The study and practical application of physical modalities including physical principles, physiologic effects, indications-contradictions, and standard application procedures. Safety and legal issues of modality usage are also addressed.

**Prerequisite:** Graduate standing.

**Schedule Type:** Laboratory, Lecture, Combined Lecture and Lab

**Contact Hours:** 2 lecture, 2 lab

**Grade Mode:** Standard Letter

**ATTR 65038 ADMINISTRATION CONCEPTS FOR THE HEALTHCARE PROFESSIONAL 3 Credit Hours**

Investigation into current philosophies and legal aspects of athletic training and sports medicine programs. Organization and administration of all aspects of athletic training and sports medicine programs with specific emphasis on policy and regulation of programs anchored in contemporary healthcare practices.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ATTR 65039 PHYSICAL REHABILITATION IN ATHLETIC TRAINING AND SPORTS MEDICINE 3 Credit Hours**

The study and clinical application of evidence based rehabilitation techniques including strategies for proper exercise selection based on anatomical and physiological considerations, program administration, and guidelines for program progression. This course will address the comprehensive concepts related to the rehabilitation of including but not limited to modality selection, pharmacological considerations, record keeping, program design and implementation, and safety aspects. The psychology of rehabilitation including goal setting and motivation will also be addressed. Current literature and techniques in the field will support the content of this course.

**Prerequisite:** Graduate standing.

**Schedule Type:** Laboratory, Lecture, Combined Lecture and Lab

**Contact Hours:** 2 lecture, 2 lab

**Grade Mode:** Standard Letter

**ATTR 65040 PATHOPHARMACOLOGY FOR HEALTHCARE PROVIDERS 3 Credit Hours**

Advanced investigation of specific pathological conditions presented by professionals, including physicians and pharmacists. Will discuss common pathologies, associated pharmacological treatment and physiologic effects for various afflictions anchored in evidence-based practice in health care.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ATTR 65050 NEUROLOGICAL CONCEPTS FOR THE HEALTHCARE PROFESSIONAL 3 Credit Hours**

Advanced cognitive content in normal and pathological function of the nervous system and its components. Specific emphasis on the neurophysiological basis for motor learning, special senses, and memory serves to address the central and peripheral nervous system structure and function. Growth and Development and pathological responses to hypoxia, microbiologic agents, genetic derangements, nutritional deficiencies, chemicals, drugs and aging are addressed. Evidence-based practice concepts will guide the integration from anatomy and physiology to effective interventions for selected neurological conditions.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ATTR 69999 CLINICAL CAPSTONE IN ATHLETIC TRAINING 6 Credit Hours**

Clinical Capstone is an intensive, immersion experience in the clinical setting under the direct supervision of a certified, licensed health care professional. Students will invest a minimum of 360 in the clinical setting working with inter-professional health care providers. Clinical capstone expectations include performance evaluations by supervisors and patient management to promote active clinical engagement and critical thinking. A portfolio will include professional skill assessments, performance assessment, case studies, mock interview, and formal evidence-based presentation to health care providers on an athletic training domain.

**Prerequisite:** Athletic Training major within the Master of Science degree; and graduate standing.

**Schedule Type:** Clinical Laboratory

**Contact Hours:** 24 other

**Grade Mode:** Standard Letter

**ATTR 73091 RESEARCH SEMINAR 1 Credit Hour**

(Slashed with ATTR 63091) Presentation and discussion of research by faculty and students. A total of 2 credits may be applied toward degree requirements.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Seminar

**Contact Hours:** 1 other

**Grade Mode:** Satisfactory/Unsatisfactory

**ATTR 73094 COLLEGE TEACHING IN HEALTH SCIENCES 3 Credit Hours**

Guided teaching experiences in health sciences. Specific emphasis on establishing and implementing a teaching philosophy in an instructional setting in the health sciences. Development of Professional Teaching Behaviors will be addressed. A comprehensive teaching experience rooting in contemporary literature will guide this course.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Lecture, Seminar

**Contact Hours:** 1 lecture, 2 other

**Grade Mode:** Standard Letter

**ATTR 75001 EVIDENCE BASED INTERVENTIONS IN ATHLETIC TRAINING 3 Credit Hours**

This course will examine the use of Evidence Based Interventions (EBI) in Athletic Training Education. This course will examine the implementation of EBI constructs across the curriculum and program. Specific emphasis on designing and implementing EBI into didactic and clinical experiences in Athletic Training. Implementation of EBI into the development, implementation and dissemination of research will also be addressed. Through an extensive examination of the critical literature, students will gain an understanding of how to broadly integrate EBI constructs in their professional practice.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ATTR 75002 ACADEMIC AND ADMINISTRATIVE LEADERSHIP IN ATHLETIC TRAINING 3 Credit Hours**

This course will address the key academic leadership constructs needed to navigate the higher education culture as a faculty and/or clinical faculty member. Human resources, politics, administrative processes and organizational factors related to successful higher education and clinical leadership will be the focus. Leadership and advocacy strategies for professional organizations will also be developed.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ATTR 75003 CONTINUOUS QUALITY IMPROVEMENT AND ASSESSMENT IN ATHLETIC TRAINING 3 Credit Hours**

The focus of the course includes the fundamental constructs associated with quality improvement through an academic program in athletic training. The development of inter-professional practice, engaging curriculum, creation of educational and administrative policy, and leading change within Athletic Training organizations. The course will assist students in developing action plans for their organization pertaining to organizational improvement.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ATTR 75004 TEACHING AND CLINICAL EDUCATION LEADERSHIP IN ATHLETIC TRAINING 3 Credit Hours**

This course focuses on the comprehensive and integrated elements in athletic training education. An in-depth analysis of curriculum design and implementation, didactic and clinical education, program assessments, and accreditation policies and standards will be addressed. A framework rooted in the context of inter-professional education promote organizational and programmatic improvements related dynamic trends in HC education.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**Exercise Physiology (EXPH)****EXPH 50612 EXERCISE LEADERSHIP FOR THE OLDER ADULT 3 Credit Hours**

(Cross-listed with EXSC 40612) Designed to provide the students with a knowledge base in exercise leadership in the senior population and includes special populations. Students participate in the leading supervision and evaluation of the participant within the exercise program. They also assist in the collection of functional fitness data.

**Prerequisite:** Graduate standing.

**Schedule Type:** Combined Lecture and Lab

**Contact Hours:** 2 lecture, 2 lab

**Grade Mode:** Standard Letter

**EXPH 51000 EXERCISE IMPLEMENTATION: AN EXERCISE INTERVENTION PROGRAM 1-3 Credit Hours**

(Repeatable for credit) Students will participate in leading, supervising and developing plans for individuals who want to reduce cardiovascular risk factors through structured exercise.

**Prerequisite:** EXPH 55080; and graduate standing.

**Schedule Type:** Laboratory

**Contact Hours:** 3-9 lab

**Grade Mode:** Standard Letter

**EXPH 53093 VARIABEL TITLE WORKSHOP IN EXERCISE SCIENCE AND EXERCISE PHYSIOLOGY 1-3 Credit Hours**

(Repeatable for credit) (Cross-listed with EXSC 43093) Workshop in exercise science or physiology, topics vary.

**Prerequisite:** Graduate standing.

**Schedule Type:** Workshop

**Contact Hours:** 1-3 other

**Grade Mode:** Satisfactory/Unsatisfactory

**EXPH 55040 ADVANCED STRENGTH AND CONDITIONING 3 Credit Hours**

(Slashed with EXSC 45040) Advanced principles in strength and conditioning. Learn and understand the energy systems, anatomy, physiology and proper lifting technique of strength, speed, agility and conditioning exercises for practical application with athletes.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EXPH 55065 EXERCISE TESTING 3 Credit Hours**

(Cross-listed with EXSC 45065) Lecture and laboratory experiences dealing with the administration and interpretation of exercise tests.

**Prerequisite:** Graduate standing.

**Schedule Type:** Combined Lecture and Lab

**Contact Hours:** 2 lecture, 2 lab

**Grade Mode:** Standard Letter

**EXPH 55070 ELECTROCARDIOGRAPHY FOR THE EXERCISE PHYSIOLOGIST 3 Credit Hours**

(Cross-listed with EXSC 45070) Designed to provide students with the knowledge base in electrocardiography. Students work on interpreting the 12-lead electrocardiogram with clinical case studies to enhance the knowledge base of the exercise specialist.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EXPH 55080 PHYSIOLOGY OF EXERCISE 3 Credit Hours**

(Cross-listed with EXSC 45080) Physiological bases of muscular activity with special attention to general effects of exercise on body function. Laboratory included.

**Prerequisite:** Graduate standing.

**Schedule Type:** Combined Lecture and Lab

**Contact Hours:** 2 lecture, 2 lab

**Grade Mode:** Standard Letter

**EXPH 60610 PHYSIOLOGY OF AGING: IMPLICATIONS FOR HUMAN BEHAVIOR 3 Credit Hours**

(Cross-listed with EXPH 70610) Examine physiological changes which accompany advancing age. Special attention is paid to the effect of these changes on sensory motor and cognitive behavior.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EXPH 63050 RESEARCH PROCESS IN ATHLETIC TRAINING AND EXERCISE PHYSIOLOGY 3 Credit Hours**

(Cross-listed with EXPH 73050) The research process and statistical concepts applied to athletic training and exercise physiology.

**Prerequisite:** Graduate standing.

**Schedule Type:** Combined Lecture and Lab

**Contact Hours:** 2 lecture, 2 lab

**Grade Mode:** Standard Letter

**EXPH 63051 QUANTITATIVE AND RESEARCH METHODS IN ATHLETIC TRAINING AND EXERCISE PHYSIOLOGY 3 Credit Hours**

(Slashed with EXPH 73051) Research design and statistical methods applied to exercise, physiology and athletic training.

**Prerequisite:** EXPH 63050; and graduate standing.

**Schedule Type:** Combined Lecture and Lab

**Contact Hours:** 2 lecture, 2 lab

**Grade Mode:** Standard Letter

**EXPH 63091 RESEARCH SEMINAR 1 Credit Hour**

(Repeatable for credit) (Slashed with EXPH 73091) Presentation and discussion of research by faculty and students. A total of 2 credits may be applied toward degree requirements.

**Prerequisite:** Graduate standing.

**Schedule Type:** Seminar

**Contact Hours:** 1 other

**Grade Mode:** Satisfactory/Unsatisfactory

**EXPH 63096 INDIVIDUAL INVESTIGATION IN EXERCISE PHYSIOLOGY 1-3 Credit Hours**

(Repeatable for a maximum of 6 credit hours) (Slashed with EXPH 73096) Independent study completed under the supervision of a faculty member. Written approval of supervising faculty member and School Director required prior to registration.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Individual Investigation

**Contact Hours:** 3-9 other

**Grade Mode:** Standard Letter-IP

**EXPH 63098 RESEARCH 1-15 Credit Hours**

(Repeatable for credit) Research carried out by the student under the supervision of a faculty member.

**Prerequisite:** Graduate standing.

**Schedule Type:** Research

**Contact Hours:** 1-15 other

**Grade Mode:** Standard Letter-IP

**EXPH 63193 VARIABLE TITLE WORKSHOP IN EXERCISE PHYSIOLOGY 1-3 Credit Hours**

(Repeatable for credit) Workshop in exercise physiology; topics vary. Maximum 4 hours applied to the degree.

**Prerequisite:** Graduate standing.

**Schedule Type:** Workshop

**Contact Hours:** 1-3 other

**Grade Mode:** Satisfactory/Unsatisfactory

**EXPH 63195 SPECIAL TOPICS IN EXERCISE PHYSIOLOGY 1-3 Credit Hours**

(Repeatable for credit) (Slashed with EXPH 73195) Selected and varied topics of relevance in exercise physiology.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 1-3 lecture

**Grade Mode:** Standard Letter

**EXPH 63199 THESIS I 2-6 Credit Hours**

(Repeatable for credit) Thesis students must register for a total of 6 hours, 2 to 6 hours in a semester distributed over several semesters if desired.

**Prerequisite:** Graduate standing.

**Schedule Type:** Masters Thesis

**Contact Hours:** 3 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**EXPH 63299 THESIS II 2 Credit Hours**

Thesis students must continue registration each semester until all degree requirements are met.

**Prerequisite:** EXPH 63199; and graduate standing.

**Schedule Type:** Masters Thesis

**Contact Hours:** 2 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**EXPH 65075 MUSCLE FUNCTION AND EXERCISE 3 Credit Hours**

(Slashed with EXPH 75075) Characteristics of skeletal muscle related to contraction during exercise, strength, elasticity, fatigue, and training. Electromyograph analysis of muscle function emphasized.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EXPH 65076 ENVIRONMENTAL STRESS AND EXERCISE 3 Credit Hours**

(Slashed with EXPH 75076) Effects of heat, cold, pressure, pollution and psychological stress upon physiological responses to exercise. Lecture and laboratory.

**Prerequisite:** Graduate standing.

**Schedule Type:** Combined Lecture and Lab

**Contact Hours:** 2 lecture, 2 lab

**Grade Mode:** Standard Letter

**EXPH 65080 PHYSIOLOGICAL BASIS OF EXERCISE AND SPORT 3 Credit Hours**

(Slashed with EXPH 75080) Application of physiological concepts to human performance. Includes role of testing, training strength and endurance, nutritional considerations, environmental influences and, adapted exercise programs.

**Prerequisite:** Graduate standing.

**Schedule Type:** Combined Lecture and Lab

**Contact Hours:** 2 lecture, 2 lab

**Grade Mode:** Standard Letter

**EXPH 65081 ENERGY METABOLISM AND BODY COMPOSITION 3 Credit Hours**

(Slashed with EXPH 75081) Measurement of metabolic response to exercise. Topics include ergometry spirometry energy expenditure body composition and performance correlates of strength power and endurance.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EXPH 65082 CARDIO-RESPIRATORY FUNCTION 3 Credit Hours**

(Slashed with EXPH 75082) Measurement of the cardiovascular-respiratory response to exercise. Includes resting spirometry, lung function during exercise, electrocardiography, blood pressure, PWC testing and exercise prescription.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EXPH 65083 EXERCISE ENERGY METABOLISM 3 Credit Hours**

(Slashed with EXPH 75083) Energy transformations during exercise. Emphasis on controlling mechanisms that regulate the anabolic and catabolic responses to both acute and chronic exercise.

**Prerequisite:** Graduate standing.

**Schedule Type:** Combined Lecture and Lab

**Contact Hours:** 2 lecture, 2 lab

**Grade Mode:** Standard Letter

**EXPH 65084 CARDIOVASCULAR-RESPIRATORY DYNAMICS DURING EXERCISE 3 Credit Hours**

(Slashed with EXPH 75084) Responses of the cardiovascular and respiratory systems to exercise. Use of noninvasive methods to measure cardio-respiratory function emphasized. Lecture and laboratory.

**Prerequisite:** Graduate standing.

**Schedule Type:** Combined Lecture and Lab

**Contact Hours:** 2 lecture, 2 lab

**Grade Mode:** Standard Letter

**EXPH 65086 NEUROBIOLOGY OF MOVEMENT AND EXERCISE 3****Credit Hours**

(Slashed with EXPH 75086) Provide students with knowledge to understand the role of the muscular and nervous systems in human movement and exercise. Motor disorders and rehabilitation techniques will also be discussed. Lecture and laboratory.

**Prerequisite:** Graduate standing.

**Schedule Type:** Combined Lecture and Lab

**Contact Hours:** 2 lecture, 2 lab

**Grade Mode:** Standard Letter

**EXPH 65192 INTERNSHIP IN EXERCISE PHYSIOLOGY 1-9 Credit Hours**

(Repeatable for a maximum of 9 credit hours) Field experience in exercise physiology programs and testing in Kent State University adult fitness program or cooperating agencies.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 3-27 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**EXPH 70610 PHYSIOLOGY OF AGING:IMPLICATIONS FOR HUMAN BEHAVIOR 3 Credit Hours**

(Slashed with EXPH 60610) Examine physiological changes which accompany advancing age. Special attention is paid to the effect of these changes on sensory motor and cognitive behavior.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EXPH 73050 RESEARCH PROCESSES IN ATHLETIC TRAINING AND EXERCISE PHYSIOLOGY 3 Credit Hours**

(Slashed with EXPH 63050) The research process and statistical concepts applied to athletic training and exercise physiology.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Combined Lecture and Lab

**Contact Hours:** 2 lecture, 2 lab

**Grade Mode:** Standard Letter

**EXPH 73051 QUANTITATIVE AND RESEARCH METHODS IN ATHLETIC TRAINING AND EXERCISE PHYSIOLOGY 3 Credit Hours**

(Slashed with EXPH 63051) Research design and statistical methods applied to exercise physiology and athletic training.

**Prerequisite:** EXPH 73050; and doctoral standing.

**Schedule Type:** Combined Lecture and Lab

**Contact Hours:** 2 lecture, 2 lab

**Grade Mode:** Standard Letter

**EXPH 73091 RESEARCH SEMINAR 1 Credit Hour**

(Repeatable for credit) Presentation and discussion of research by faculty and students. A total of 2 credits may be applied toward degree requirements.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Seminar

**Contact Hours:** 1 other

**Grade Mode:** Satisfactory/Unsatisfactory

**EXPH 73096 INDIVIDUAL INVESTIGATION IN EXERCISE PHYSIOLOGY 1-3 Credit Hours**

(Repeatable for a maximum of 6 credit hours) (Slashed with EXPH 63096) Independent student completed under the supervision of a faculty member. Written approval of supervising faculty member and School Director required prior to registration.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Individual Investigation

**Contact Hours:** 1-3 other

**Grade Mode:** Standard Letter-IP

**EXPH 73195 SPECIAL TOPICS IN EXERCISE PHYSIOLOGY 1-3 Credit Hours**

(Repeatable for a maximum of 6 credit hours) (Slashed with EXPH 63195) Selected and varied topics of relevance in exercise physiology.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 1-3 lecture

**Grade Mode:** Standard Letter

**EXPH 75004 BIOMECHANICS 3 Credit Hours**

(Cross-listed with ATTR 65004) Survey of biomechanics, with particular emphasis on skeletal muscle mechanics.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EXPH 75075 MUSCLE FUNCTION AND EXERCISE 3 Credit Hours**

(Slashed with EXPH 65075) Characteristics of skeletal muscle related to contraction during exercise, strength, elasticity, fatigue and training. Electromyograph analysis of muscle function emphasized.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EXPH 75076 ENVIRONMENTAL STRESS AND EXERCISE 3 Credit Hours**

(Slashed with EXPH 65076) Effects of heat, cold, pressure, pollution and psychological stress upon physiological responses to exercise. Lecture and laboratory.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Combined Lecture and Lab

**Contact Hours:** 2 lecture, 2 lab

**Grade Mode:** Standard Letter

**EXPH 75080 PHYSIOLOGICAL BASIS OF EXERCISE AND SPORT 3 Credit Hours**

(Slashed with EXPH 65080) Application of physiological concepts to human performance. Includes role of testing, training, strength and endurance, nutritional considerations, environmental influences, and adapted exercise programs.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Combined Lecture and Lab

**Contact Hours:** 2 lecture, 2 lab

**Grade Mode:** Standard Letter



**EXPH 75081 ENERGY METABOLISM AND BODY COMPOSITION 3 Credit Hours**

(Slashed with EXPH 65081) Measurement of metabolic response to exercise. Topics include ergometry, spirometry, energy expenditure, body composition and performance correlates of strength, power and endurance.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EXPH 75082 CARDIO-RESPIRATORY FUNCTION 3 Credit Hours**

(Cross-listed with EXPH 65082) Measurement of the cardiovascular-respiratory response to exercise. Includes resting spirometry, lung function during exercise, electrocardiography, blood pressure, PWC testing and exercise prescription.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EXPH 75083 EXERCISE ENERGY METABOLISM 3 Credit Hours**

(Slashed with EXPH 65083) Energy transformations during exercise. Emphasis on controlling mechanisms that regulate the anabolic and catabolic responses to both acute and chronic exercise.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Combined Lecture and Lab

**Contact Hours:** 2 lecture, 2 lab

**Grade Mode:** Standard Letter

**EXPH 75084 CARDIOVASCULAR-RESPIRATORY DYNAMICS DURING EXERCISE 3 Credit Hours**

(Slashed with EXPH 65084) Responses of the cardiovascular and respiratory systems to exercise. Use of noninvasive methods to measure cardio-respiratory function emphasized. Lecture and laboratory.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Combined Lecture and Lab

**Contact Hours:** 2 lecture, 2 lab

**Grade Mode:** Standard Letter

**EXPH 75086 NEUROBIOLOGY OF EXERCISE AND MOVEMENT 3 Credit Hours**

(Slashed with EXPH 65086) Provides students with knowledge to understand the role of the muscular and nervous systems in human movement and exercise. Motor disorders and rehabilitation techniques will also be discussed. Lecture and laboratory.

**Prerequisite:** Graduate standing.

**Schedule Type:** Combined Lecture and Lab

**Contact Hours:** 2 lecture, 2 lab

**Grade Mode:** Standard Letter

**EXPH 75192 INTERNSHIP IN EXERCISE PHYSIOLOGY 1-9 Credit Hours**

(Repeatable for a maximum of 9 credit hours) Field experience in exercise physiology programs and testing in Kent State University adult fitness program or cooperating agencies.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 3-27 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**EXPH 83098 RESEARCH 1-15 Credit Hours**

(Repeatable for credit) Research for doctoral students.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Research

**Contact Hours:** 1-15 other

**Grade Mode:** Standard Letter-IP

**EXPH 83199 DISSERTATION I 15 Credit Hours**

(Repeatable for credit) Doctoral dissertation, for which registration in at least two semesters is required, first of which will be semester in which dissertation work is begun and continuing until the completion of 30 hours.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Dissertation

**Contact Hours:** 15 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**EXPH 83299 DISSERTATION II 15 Credit Hours**

(Repeatable for credit) Continuing registration required of doctoral students who have completed the initial 30 hours of dissertation and continuing until all degree requirements are met.

**Prerequisite:** EXPH 83199; and doctoral standing.

**Schedule Type:** Dissertation

**Contact Hours:** 15 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**Exercise Science (EXSC)****EXSC 15010 INTRODUCTION TO EXERCISE SCIENCE 2 Credit Hours**

Introduction to the discipline of exercise science, including the history of the field, current position stands of the American College of Sports Medicine, the responsibilities and roles of the exercise physiologist and the current trends in exercise science.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 2 lecture

**Grade Mode:** Standard Letter

**Attributes:** CTAG Exercise Science

**EXSC 23093 VARIABLE TITLE WORKSHOP IN EXERCISE SCIENCE 1-3 Credit Hours**

(Repeatable for credit) Workshop to develop mastery and application of knowledge and skills that address issues in exercise science; topics vary. Satisfactory/unsatisfactory (S/U) graded.

**Prerequisite:** None.

**Schedule Type:** Workshop

**Contact Hours:** 1-3 other

**Grade Mode:** Satisfactory/Unsatisfactory

**EXSC 25057 HUMAN ANATOMY AND PHYSIOLOGY I (KBS) (KLAB) 4 Credit Hours**

(Cross-listed with ATTR 25057) Comprehensive examination of anatomy and physiology related to the organization of the body and basic cell and tissue types. Specific structure and function of the muscular, skeletal, integumentary, and nervous systems are addressed.

**Prerequisite:** None.

**Schedule Type:** Laboratory, Lecture, Combined Lecture and Lab

**Contact Hours:** 3 lecture, 2 lab

**Grade Mode:** Standard Letter

**Attributes:** Kent Core Basic Sciences, Kent Core Basic Sciences Lab

**EXSC 25058 HUMAN ANATOMY AND PHYSIOLOGY II (KBS) (KLAB)****4 Credit Hours**

(Cross-listed with ATTR 25058) Comprehensive examination of anatomy and physiology related to the human body under rest and exercise conditions. Specific structure and function of the metabolic, endocrine, lymphatic, digestive, urinary and reproductive systems are addressed. Advanced coverage of neurological, cardiovascular and respiratory systems are also addressed.

**Prerequisite:** ATTR 25057 or EXSC 25057 or BSCI 11010 or BSCI 21010.

**Schedule Type:** Laboratory, Lecture, Combined Lecture and Lab

**Contact Hours:** 3 lecture, 2 lab

**Grade Mode:** Standard Letter

**Attributes:** Kent Core Basic Sciences, Kent Core Basic Sciences Lab

**EXSC 34000 EXERCISE SCIENCE FOR ESPORTS 3 Credit Hours**

This course examines topics within the field of exercise science and relates them to esports performance. Topics will include physical activity, sedentary behavior, mental and physical health and exercise physiology. By relating these topics to esports, students will gain an understanding of what may enhance and also diminish sport performance.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EXSC 35054 BIOMECHANICS 3 Credit Hours**

(Cross-listed with ATTR 35054) Anatomical and mechanical bases of human movement. Emphasis is placed on tools and techniques for motion analysis, mechanical concepts, forces and performance analysis. Lecture and laboratory.

**Prerequisite:** ATTR 25057 or EXSC 25057 or BSCI 11010 or BSCI 21010.

**Schedule Type:** Combined Lecture and Lab

**Contact Hours:** 2 lecture, 2 lab

**Grade Mode:** Standard Letter

**EXSC 35068 STATISTICS FOR THE EXERCISE SCIENTIST 3 Credit Hours**

Measurement and statistics applied to physical education and exercise/sport sciences; laboratory experiences in statistics test construction and administration and evaluation.

**Prerequisite:** None.

**Schedule Type:** Combined Lecture and Lab

**Contact Hours:** 2 lecture, 2 lab

**Grade Mode:** Standard Letter

**EXSC 35075 EXERCISE PROGRAMMING 3 Credit Hours**

Problems and issues in developing exercise programs in institutional and commercial settings.

**Prerequisite:** ATTR 25057 or EXSC 25057 or BSCI 11010 or BSCI 21010; and ATTR 25058 or EXSC 25058 or BSCI 11020 or BSCI 21020.

**Schedule Type:** Combined Lecture and Lab

**Contact Hours:** 2 lecture, 2 lab

**Grade Mode:** Standard Letter

**EXSC 40612 EXERCISE LEADERSHIP FOR THE OLDER ADULT 3 Credit Hours**

(Cross-listed with EXPH 50612) Designed to provide students with a knowledge base in exercise leadership in the older adult population, including special populations. Students participate in the leading, supervision and evaluation of participants within the exercise program. The also assist in the collection of functional fitness data.

**Prerequisite:** None.

**Schedule Type:** Combined Lecture and Lab

**Contact Hours:** 2 lecture, 2 lab

**Grade Mode:** Standard Letter

**EXSC 41000 EXERCISE IMPLEMENTATION: AN EXERCISE INTERVENTION PROGRAM 1-3 Credit Hours**

(Repeatable for credit) Students will participate in leading, supervising and developing plans for individuals who want to reduce cardiovascular risk factors through structured exercise.

**Prerequisite:** EXSC 45080.

**Schedule Type:** Laboratory

**Contact Hours:** 3-9 other

**Grade Mode:** Standard Letter

**EXSC 43093 VARIABLE TITLED WORKSHOP IN EXERCISE SCIENCE AND EXERCISE PHYSIOLOGY 1-3 Credit Hours**

(Repeatable for credit) (Slashed with EXPH 53093) Workshop in exercise science or physiology, topics vary.

**Prerequisite:** None.

**Schedule Type:** Workshop

**Contact Hours:** 1-3 lecture

**Grade Mode:** Satisfactory/Unsatisfactory

**EXSC 43098 RESEARCH IN EXERCISE SCIENCE (ELR) 1-3 Credit Hours**

(Repeatable for a maximum of 12 credit hours) Research project completed under the supervision of a faculty member. Written approval of supervising faculty member and School Director required prior to registration.

**Prerequisite:** Special approval.

**Schedule Type:** Research

**Contact Hours:** 3-9 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**Attributes:** Experiential Learning Requirement

**EXSC 45022 EXERCISE LEADERSHIP 2 Credit Hours**

Designed to provide the students with the knowledge base in exercise leadership. Topic areas and competencies using a variety of techniques in leading and demonstrating safe and effective methods of applying the fundamental principles of exercise science. The exercise leader will demonstrate all forms of group exercise, flexibility and balance training. The final exam is the American College of Sports Medicine Certified Exercise Physiologist certification (ACSM-EP). To take this certification requires that you be in the last semester of your senior year.

**Prerequisite:** EXSC 25057 or ATTR 25057 or BSCI 11010 or BSCI 21010; and EXSC 25058 or ATTR 25058 or BSCI 11020 or BSCI 21020; and senior standing.

**Pre/corequisite:** EXSC 45080.

**Schedule Type:** Lecture

**Contact Hours:** 2 lecture

**Grade Mode:** Standard Letter

**EXSC 45023 PROFESSIONAL CERTIFICATE PREPARATION 2 Credit Hours**

This course is designed to prepare students to take the the National Strength and Conditioning Association Certified Strength and Conditioning Specialist (NSCA CSCS). Material covered will include basic exercise science, training adaptations, and methods of resistance-exercise training.

**Prerequisite:** EXSC 25057 or ATTR 25057 or BSCI 11010 or BSCI 21010; and EXSC 25058 or ATTR 25058 or BSCI 11020 or BSCI 21020; and senior standing.

**Pre/corequisite:** ATTR 35040 and EXSC 45080.

**Schedule Type:** Lecture

**Contact Hours:** 2 lecture

**Grade Mode:** Standard Letter

**EXSC 45040 ADVANCED STRENGTH AND CONDITIONING 3 Credit Hours**

(Cross-listed with EXPH 55040) Advanced principles in strength and conditioning. Learn and understand the energy systems, anatomy, physiology and proper lifting technique of strength, speed, agility and conditioning exercises for practical application with athletes.

**Prerequisite:** EXSC 25057 or ATTR 25057 or BSCI 11010 or BSCI 21010; and EXSC 25058 or ATTR 25058 or BSCI 11020 or BSCI 21020.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EXSC 45065 EXERCISE TESTING 3 Credit Hours**

(Cross-listed with EXPH 55065) Lecture and laboratory experiences dealing with the administration and interpretation of exercise tests.

**Prerequisite:** ATTR 25057 or EXSC 25057 or BSCI 11010 or BSCI 21010; and ATTR 25058 or EXSC 25058 or BSCI 11020 or BSCI 21020.

**Schedule Type:** Combined Lecture and Lab

**Contact Hours:** 2 lecture, 2 lab

**Grade Mode:** Standard Letter

**Attributes:** CTAG Exercise Science

**EXSC 45070 ELECTROCARDIOGRAPHY FOR THE EXERCISE PHYSIOLOGIST 3 Credit Hours**

(Cross-listed with EXPH 55070) Designed to provide students with the knowledge base in electrocardiography. Students work on interpreting the 12-lead electrocardiogram with clinical case studies to enhance the knowledge base of the exercise specialist.

**Prerequisite:** ATTR 25057 or EXSC 25057 or BSCI 11010 or BSCI 21010; and ATTR 25058 or EXSC 25058 or BSCI 11020 or BSCI 21020.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EXSC 45080 PHYSIOLOGY OF EXERCISE (WIC) 3 Credit Hours**

(Cross-listed with EXPH 55080) Response of the human to acute and chronic exercise with emphasis on the underlying physiological mechanisms.

**Prerequisite:** ATTR 25057 or EXSC 25057 or BSCI 11010 or BSCI 21010; and ATTR 25058 or EXSC 25058 or BSCI 11020 or BSCI 21020.

**Schedule Type:** Combined Lecture and Lab

**Contact Hours:** 2 lecture, 2 lab

**Grade Mode:** Standard Letter

**Attributes:** Writing Intensive Course

**EXSC 45096 INDIVIDUAL INVESTIGATION IN EXERCISE SCIENCE (ELR) 1-3 Credit Hours**

(Repeatable for a maximum of 6 credit hours) Independent study completed under the supervision of a faculty member. Written approval of supervising faculty member and school director required prior to registration.

**Prerequisite:** Special approval.

**Schedule Type:** Individual Investigation

**Contact Hours:** 3-9 other

**Grade Mode:** Standard Letter

**Attributes:** Experiential Learning Requirement

**EXSC 45480 INTERNSHIP SEMINAR IN EXERCISE SCIENCE 1 Credit Hour**

Overview of the internship possibilities that are available for the exercise science major. The American College of Sports Medicine (ACSM) certification workshops and the scope of the practice for the exercises specialist is discussed in detail.

**Prerequisite:** Special approval.

**Schedule Type:** Lecture

**Contact Hours:** 1 lecture

**Grade Mode:** Standard Letter

**EXSC 45481 SEMINAR IN EXERCISE PHYSIOLOGY 1 Credit Hour**

Provides an overview of the research possibilities and the internship possibilities that are available for the exercise science major. The Institutional Review Board, research methodology and the risks and benefits of research in the area of exercise science are discussed in detail. Also covers The American College of Sports Medicine (ACSM) certification workshops and the scope of the practice for the exercises specialist.

**Prerequisite:** Special approval.

**Schedule Type:** Lecture

**Contact Hours:** 1 lecture

**Grade Mode:** Standard Letter

**EXSC 45492 INTERNSHIP IN PHYSICAL FITNESS AND CARDIAC REHABILITATION (ELR) 1-9 Credit Hours**

(Repeatable for a maximum of 9 credit hours) Supervised experience providing practical experience in administration and operation of programs in physical fitness, health enhancement and or cardiac rehabilitation. 45 clock hours per credit hour.

**Prerequisite:** Special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 3-27 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**Attributes:** Experiential Learning Requirement

**EXSC 46095 SPECIAL TOPICS IN EXERCISE SCIENCE 1-3 Credit Hours**

(Repeatable for credit) Selected topics in exercise science dependent upon interest.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 1-3 lecture

**Grade Mode:** Standard Letter

**Health Education (HED)****HED 11570 PERSONAL HEALTH 3 Credit Hours**

This course examines the leading causes of death and disability in the United States with an emphasis on the application of knowledge and skills to reduce risk and enhance the quality of life.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HED 11590 COMMUNITY HEALTH EDUCATION 3 Credit Hours**

Identification of community health problems and measures for control. Emphasizes principles, objectives and methods of community health education.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HED 13510 WINNING COMBINATION:HEALTH AND ATHLETES 1****Credit Hour**

An exploration of strategies for promoting healthy lifestyles for athletes. The course is reserved for varsity athletes.

**Prerequisite:** Special approval.

**Schedule Type:** Lecture

**Contact Hours:** 1 lecture

**Grade Mode:** Standard Letter

**HED 14020 MEDICAL TERMINOLOGY 3 Credit Hours**

Identification of the meaning of various roots and terms and combining forms that are components of medical words, including anatomical physiological and pathological therapeutic terminology and implications for health literacy.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**Attributes:** CTAG Medical Terminology, TAG Health

**HED 21030 INTRODUCTION TO HEALTH EDUCATION 3 Credit Hours**

This course introduces the student to the health education profession. Roles and responsibilities of health educators in a variety of occupational settings are described.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HED 21050 HEALTH EDUCATION THEORIES 3 Credit Hours**

Application of various attitude and behavior models to health and illness behavior in order to develop a framework for educational intervention.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HED 30000 TEACHING HEALTH TO YOUNG LEARNERS 3 Credit Hours**

Investigate current health issues relevant to children in primary grades, and identify educational strategies to increase student health knowledge, foster positive health attitudes and promote healthy behaviors.

**Prerequisite:** None.

**Schedule Type:** Lecture, Practical Experience

**Contact Hours:** 2.5 lecture, 1.5 other

**Grade Mode:** Standard Letter

**HED 32530 DRUG USE AND MISUSE 3 Credit Hours**

Introduction to the study of drug/alcohol abuse. Basic pharmacology of drug actions is reviewed. Common myths misconceptions about drug alcohol use are examined. Current drug problems and related prevention treatment issues are analyzed.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HED 32542 METHODS AND APPLICATIONS OF HEALTH EDUCATION (WIC) 5 Credit Hours**

Analysis observation, demonstration and experience in the teaching-learning process utilizing methods, materials and resources appropriate to the preparation of professional health educators. This course includes 50 field/clinical hours. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school/agency before the first day of the semester in which student teaching/ internship will take place.

**Prerequisite:** HED 11570.

**Schedule Type:** Lecture

**Contact Hours:** 5 lecture

**Grade Mode:** Standard Letter

**Attributes:** Writing Intensive Course

**HED 32544 HUMAN SEXUALITY 3 Credit Hours**

A study of the role and meaning of human sexuality throughout the life cycle for self and society.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HED 32565 MARKETING IN HEALTH EDUCATION 3 Credit Hours**

Examines the basic elements of marketing processes as they relate to promoting health in communities. Emphasis on application of marketing planning, concepts and practices for service providers involved with health education.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HED 32575 CONSUMER HEALTH 3 Credit Hours**

An overview of the health marketplace including health products, services, financing, promotional practices and consumer protection laws.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HED 34050 PROGRAM PLANNING AND EVALUATION IN HEALTH EDUCATION 3 Credit Hours**

Provides students with the knowledge and skills to assess health resources and needs, develop health programs to meet specific needs in particular populations and determine appropriate measures to evaluate the effectiveness of health programs.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HED 34060 SMALL GROUP PROCESS 2 Credit Hours**

(Cross-listed with CES 37800) Students learn to understand the dynamics of problem solving groups and how to become effective leaders and members. Topics include climate, goals, decision making, communication, leadership, membership. Experience-based learning combined with conceptualizing.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 2 lecture

**Grade Mode:** Standard Letter

**HED 36048 EMERGENCY MEDICAL TRAINING 5 Credit Hours**  
Basic immediate care procedures for victims of acute illnesses and accidents. Course does not conform to EMT-B National Standard Curriculum as adopted by the Ohio Department of Public Safety, Division of EMS.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 5 lecture

**Grade Mode:** Standard Letter

**HED 40093 VARIABLE TITLE WORKSHOP IN HEALTH EDUCATION AND PROMOTION 1-3 Credit Hours**

(Repeatable for credit) (Slashed with HED 50093 and 70093) Discussion of major issues in health and safety education. Content emphasis and prerequisites vary depending on workshop.

**Prerequisite:** HED 11590; and special approval.

**Schedule Type:** Workshop

**Contact Hours:** 1-3 other

**Grade Mode:** Satisfactory/Unsatisfactory

**HED 42041 HEALTH COACHING 3 Credit Hours**

(Slashed with HED 52041) Techniques of health coaching and motivational interviewing applied to health education. Individual and group approaches relative to personal, family and societal health issues.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HED 42222 ADULTING 101: SEVEN DIMENSIONS TO A HEALTHY ADULTHOOD 2 Credit Hours**

The transition from college to post-college life can be uncertain. A design for the initial post-college years can alleviate the anxiety and stress that are often experienced. This course will examine issues related to a 7 dimensional model of health-financial, environmental, emotional, intellectual, physical, social, occupational-and apply those dimensions to a post-college life design process.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 2 lecture

**Grade Mode:** Standard Letter

**HED 42392 STUDENT TEACHING IN HEALTH EDUCATION (ELR) 9 Credit Hours**

Provides a twelve week student teaching experience. See student teaching section of catalog. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school/agency before the first day of the semester in which student teaching/ internship will take place.

**Prerequisite:** Eligibility for admission to student teaching and admission to advanced study; and official valid certification of child safety training, approved basic life support and ALICE training must be presented to the campus office of clinical experience or designated faculty/staff at regional campuses as prerequisite for student teaching.

**Schedule Type:** Practical Experience

**Contact Hours:** 27 other

**Grade Mode:** Satisfactory/Unsatisfactory

**Attributes:** Experiential Learning Requirement

**HED 42575 HEALTH AND LEARNING: STRATEGIES FOR STUDENTS AND TEACHERS 3 Credit Hours**

(Slashed with HED 52575) Focus on health issues/education/ environment policy and practice/community strategies to respond to threats confronting students utilizing a coordinated school/community strategy to promote health to improve academic outcomes. CPR and first aid certification required for completion of course.

**Prerequisite:** Admission to advanced study.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HED 42779 HAPPINESS AND HEALTH 2 Credit Hours**

(Slashed with HED 52779) Happiness is a common life goal, yet how to achieve or maintain can be a challenge. The things people think should make them happy don't; and the things that have been proven to increase happiness are often a surprise. In this class, students explore proven methods to increase happiness, confront the common myths and misperceptions around it and discover how happiness is defined by cultures outside the United States. Students also explore how happiness is related to academic performance, immune function, diet, stress, heart disease and life expectancy.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 2 lecture

**Grade Mode:** Standard Letter

**HED 44025 WOMEN'S HEALTH ISSUES 3 Credit Hours**

(Slashed with HED 54025) Traditional and feminist analysis of women's health issues and the health educational responses to those issues.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HED 44030 GAMBLING, GAMING AND HEALTH 3 Credit Hours**

(Slashed with HED 54030) This course will provide information related to gambling, gaming, and their convergence to facilitate insight into personal decision-making and health outcomes. Emerging gambling and gaming trends will be investigated along with exploration of attitudes toward these activities that influence personal and community health. There is an emphasis on the application of knowledge and skills to assess and reduce personal risk.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HED 44051 BIOBEHAVIORAL ASPECTS OF DISEASE PREVENTION IN HEALTH EDUCATION AND PROMOTION 3 Credit Hours**

The etiology and pathogenesis of major diseases are studied from a biopsychosocial perspective with an emphasis on implications for disease prevention, health promotion and behavioral intervention.

**Prerequisite:** Junior or senior standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HED 44091 SCHOOL HEALTH EDUCATION VARIABLE CONTENT SEMINAR 1 Credit Hour**

(Slashed with HED 54091) This course is designed to provide content for the K-12 health education topics required by the Ohio Department of Education to prepare students seeking school health licensure.

**Prerequisite:** None.

**Schedule Type:** Seminar

**Contact Hours:** 1 other

**Grade Mode:** Standard Letter

**HED 44092 INTERNSHIP IN COMMUNITY HEALTH EDUCATION (ELR) 9 Credit Hours**

(Repeatable for credit) Participation for one academic semester in the health education and promotion activities of an approved agency, organization or industry.

**Prerequisite:** Senior standing; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 27 other

**Grade Mode:** Satisfactory/Unsatisfactory

**Attributes:** Experiential Learning Requirement

**HED 44095 SPECIAL TOPICS: HEALTH EDUCATION AND PROMOTION 1-3 Credit Hours**

(Repeatable for credit) (Slashed with HED 54095) Selected topics related to public health issues facing professionals in communities, schools, health care settings and the worksite.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 1-3 lecture

**Grade Mode:** Standard Letter

**HED 44096 INDIVIDUAL INVESTIGATION IN HEALTH EDUCATION AND PROMOTION 1-3 Credit Hours**

(Repeatable for credit) (Slashed with HED 54096 and 74096) Independent reading and/or research directed by a HED faculty member.

**Prerequisite:** Permission.

**Schedule Type:** Individual Investigation

**Contact Hours:** 1-3 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**HED 44543 ADMINISTRATION OF SCHOOL HEALTH PROGRAMS 3 Credit Hours**

(Slashed with HED 54543) Organizational design and administration of a comprehensive school health program including health services, instruction and environment. This course includes 25 field/clinical hours. CPR and first aid certification required for completion of course.

**Prerequisite:** Admission to advanced study.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HED 44544 SEXUALITY EDUCATION PROGRAMS 3 Credit Hours**

(Slashed with HED 54544) This course prepares students to develop, implement, and evaluate sexuality education programs in school and community settings.

**Prerequisite:** HED 32544.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HED 44550 DRUG ABUSE AND VIOLENCE EDUCATION PROGRAMS 3 Credit Hours**

(Slashed with HED 54550) Drug abuse and violence prevention from theoretical, philosophical, empirical and practical perspectives.

Application of theories to plan, implement, and evaluate drug and violence education programs.

**Prerequisite:** HED 32530.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HED 46052 STRESS: RECOGNITION AND MANAGEMENT 2 Credit Hours**

(Slashed with HED 56052) An examination of stress, its role as a predisposing factor for various illnesses and diseases, types of stressors, the body's reaction to stress, and techniques for recognizing, preventing and reducing stress.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 2 lecture

**Grade Mode:** Standard Letter

**HED 46057 ADVANCED HUMAN SEXUALITY 3 Credit Hours**

(Slashed with HED 56057) Selected aspects of human sexuality; history, cross-cultural perspectives, medical/surgical conditions and sex therapy and counseling.

**Prerequisite:** HED 32544.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HED 46070 HEALTH RELATED ASPECTS OF AGING 3 Credit Hours**

(Slashed with HED 56070) Theories of biological aging and identification of major health hazards, age-related diseases and age changes, their prevention and control. The health care delivery system for the elderly.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HED 47070 AIDS: ISSUES, EDUCATION AND PREVENTION 3 Credit Hours**

(Slashed with HED 57070) This course provides an extensive overview of the human immunodeficiency virus epidemic as it has developed and exists today. A particular emphasis will be given to aids education and prevention issues and strategies.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HED 47091 CURRENT ISSUES IN HEALTH EDUCATION AND PROMOTION 1-3 Credit Hours**

(Repeatable for credit) (Slashed with HED 57091 and 77091) Public health issues facing professionals in communities, schools, health care settings and the worksite.

**Prerequisite:** Junior or senior standing.

**Schedule Type:** Seminar

**Contact Hours:** 1-3 other

**Grade Mode:** Standard Letter

**HED 49525 INQUIRY SEMINAR INTO PROFESSIONAL PRACTICE 3 Credit Hours**

Interdisciplinary inquiry into teaching as a professional practice in health education; emphasis on teacher as disciplined investigator. Utilization of teaching and learning technology.

**Prerequisite:** School Health Education or Physical Education and Sport Performance majors; and admission to advanced study.

**Schedule Type:** Seminar

**Contact Hours:** 3 other

**Grade Mode:** Standard Letter

**HED 50093 VARIABLE TITLE WORKSHOP IN HEALTH EDUCATION AND PROMOTION 1-3 Credit Hours**

(Repeatable for credit) (Slashed with HED 40093 and 70093) Discussion of major issues in health and safety education. Content emphasis vary depending on workshop.

**Prerequisite:** Graduate standing.

**Schedule Type:** Workshop

**Contact Hours:** 1-3 other

**Grade Mode:** Satisfactory/Unsatisfactory

**HED 52041 HEALTH COACHING 3 Credit Hours**

(Slashed with HED 42041) Techniques of health coaching and motivational interviewing applied to health education. Individual and group approaches relative to personal, family and societal health issues.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HED 52575 HEALTH AND LEARNING: STRATEGIES FOR STUDENTS AND TEACHERS 3 Credit Hours**

(Slashed with HED 42575) Focus on health issues/education/environment policy and practice/community strategies to respond to threats confronting students, utilizing a coordinated school community strategy to promote health and improve academic outcomes. CPR first aid certification required for completion of course.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HED 52779 HAPPINESS AND HEALTH 2 Credit Hours**

(Slashed with HED 42779) Happiness is a common life goal, yet how to achieve or maintain can be a challenge. The things people think should make them happy don't; and the things that have been proven to increase happiness are often a surprise. In this class, students explore proven methods to increase happiness, confront the common myths and misperceptions around it and discover how happiness is defined by cultures outside the United States. Students also explore how happiness is related to academic performance, immune function, diet, stress, heart disease and life expectancy.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 2 lecture

**Grade Mode:** Standard Letter

**HED 54025 WOMEN'S HEALTH ISSUES 3 Credit Hours**

(Slashed with HED 44025) Traditional and feminist analysis of women's health issues and the health educational responses to those issues.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HED 54030 GAMBLING, GAMING AND HEALTH 3 Credit Hours**

(Slashed with HED 44030) This course will provide information related to gambling, gaming, and their convergence to facilitate insight into personal decision-making and health outcomes. Emerging gambling and gaming trends will be investigated along with exploration of attitudes toward these activities that influence personal and community health. There is an emphasis on the application of knowledge and skills to assess and reduce personal risk.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HED 54051 BIOBEHAVIORAL ASPECTS OF DISEASE PREVENTION IN HEALTH EDUCATION AND PROMOTION 3 Credit Hours**

(Slashed with HED 44051) The etiology and pathogenesis of major diseases are studied from a biopsychosocial perspective with an emphasis on implications for disease prevention, health promotion and behavioral intervention.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HED 54091 SCHOOL HEALTH EDUCATION VARIABLE CONTENT SEMINAR 1 Credit Hour**

(Slashed with HED 44091) This course is designed to provide content for the K-12 health education topics required by the Ohio Department of Education to prepare students seeking school health licensure.

**Prerequisite:** Graduate standing.

**Schedule Type:** Seminar

**Contact Hours:** 1 other

**Grade Mode:** Standard Letter

**HED 54095 SPECIAL TOPICS:HEALTH EDUCATION AND PROMOTION 1-3 Credit Hours**

(Repeatable for credit) (Slashed with HED 44095) Selected topics related to public health issues facing professionals in communities, schools, health care settings and the worksite.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 1-3 lecture

**Grade Mode:** Standard Letter

**HED 54096 INDIVIDUAL INVESTIGATION IN HEALTH EDUCATION AND PROMOTION 1-3 Credit Hours**

(Repeatable for credit) (Slashed with HED 44096 and 74096) Independent reading and/or research directed by a graduate faculty member. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school/agency before the first day of the semester in which student teaching/ internship will take place.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Individual Investigation

**Contact Hours:** 1-3 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**HED 54543 ADMINISTRATION OF SCHOOL HEALTH PROGRAMS 3 Credit Hours**

(Slashed with HED 44543) Organizational design and administration of a comprehensive school health program including health services, instruction and environment. This course includes 25 field/clinical hours. CPR and first aid certification required for completion of course.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HED 54544 SEXUALITY EDUCATION PROGRAMS 3 Credit Hours**

(Slashed with HED 44544) This course prepares students to develop, implement, and evaluate sexuality education programs in school and community settings.

**Prerequisite:** HED 64063; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HED 54550 DRUG ABUSE AND VIOLENCE EDUCATION PROGRAMS 3 Credit Hours**

(Slashed with HED 44550) Drug abuse and violence prevention from theoretical, philosophical, empirical, and practical perspectives. Application of theories to plan, implement, and evaluate drug and violence education programs.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HED 56052 STRESS: RECOGNITION AND MANAGEMENT 2 Credit Hours**

(Slashed with HED 46052) An examination of stress, its role as a predisposing factor for various illnesses and diseases, types of stressors, the body's reaction to stress, and techniques for recognizing, preventing and reducing stress.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 2 lecture

**Grade Mode:** Standard Letter

**HED 56057 ADVANCED HUMAN SEXUALITY 3 Credit Hours**

(Slashed with HED 46057) Selected aspects of human sexuality: history, cross-cultural perspectives, medical/surgical therapy and counseling.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HED 56070 HEALTH RELATED ASPECTS OF AGING 3 Credit Hours**

(Slashed with HED 46070) Theories of biological aging and identification of major health hazards, age-related diseases and age changes, their prevention and control. The health care delivery system for the elderly.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HED 57070 AIDS:ISSUES, EDUCATION AND PREVENTION 3 Credit Hours**

(Slashed with HED 47070) This course provides an extensive overview of the human immunodeficiency virus epidemic as it has developed and exists today. A particular emphasis will be given to AIDS education and prevention issues and strategies.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HED 57091 CURRENT ISSUES IN HEALTH EDUCATION AND PROMOTION 1-3 Credit Hours**

(Repeatable for credit) (Slashed with HED 47091 and 77091) Public health issues facing professionals in communities, schools, health care settings and the worksite.

**Prerequisite:** Graduate standing.

**Schedule Type:** Seminar

**Contact Hours:** 1-3 other

**Grade Mode:** Standard Letter

**HED 60199 THESIS I 2-6 Credit Hours**

Thesis students must register for a total of 6 hours, 2 to 6 hours in a single semester distributed over several semesters if desired.

**Prerequisite:** Graduate standing.

**Schedule Type:** Masters Thesis

**Contact Hours:** 2-6 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**HED 60299 THESIS II 2 Credit Hours**

Thesis students must continue registration each semester until all degree requirements are met.

**Prerequisite:** HED 60199; and graduate standing.

**Schedule Type:** Masters Thesis

**Contact Hours:** 2 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**HED 64030 INTRODUCTION TO RESEARCH AND DATA ANALYSIS IN HEALTH EDUCATION AND PROMOTION 3 Credit Hours**

Introduction of research methods in the field of health education and health promotion. Includes basic knowledge and skills in research design and concepts of descriptive and inferential statistics.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HED 64050 HEALTH BEHAVIOR 3 Credit Hours**

(Slashed with HED 84050) Analysis of a broad range of theoretical and empirical models of health and illness behavior.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HED 64055 NEEDS ASSESSMENT AND EVALUATION IN HEALTH PROMOTION 3 Credit Hours**

(Slashed with HED 84055) Students will assess individual and community needs for health promotion programs based on multiple sources of health data. Students will develop a rational plan to meet identified needs.

**Prerequisite:** HED 64050; and HED 64061; and HED 64063; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter



**HED 64057 PROGRAM PLANNING AND IMPLEMENTATION IN HEALTH PROMOTION 3 Credit Hours**

(Slashed with HED 84057) Students will develop, implement, and evaluate a health education and promotion program plan specific to a target audience and health issue.

**Prerequisite:** HED 64050 and HED 64055 and HED 64061 and HED 64063; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HED 64059 COMMUNICATION AND MARKETING IN HEALTH EDUCATION AND PROMOTION 3 Credit Hours**

(Slashed with HED 84059) Introduction to the theory and practice of planning, implementing, and evaluating marketing and communication programs in health promotion.

**Prerequisite:** HED 64050 and HED 64061; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HED 64061 FOUNDATIONS OF HEALTH EDUCATION AND PROMOTION 3 Credit Hours**

(Slashed with HED 84061) Historical, sociological and philosophical factors that have influenced definitions and the practice of health education and promotion are studied. Professional associations/ leadership, government initiatives, standards of practice and accreditations are examined.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HED 64062 ADMINISTRATION AND GRANT WRITING IN HEALTH PROMOTION 3 Credit Hours**

(Slashed with HED 84062) Basic concepts in the administration of health education promotion programs and grant writing. Coordination of program services, consultative relationships, management of human and fiscal resources, and organizational leadership are addressed as well as grant writing skills.

**Prerequisite:** HED 64061 and Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HED 64063 STRATEGIES IN HEALTH EDUCATION AND PROMOTION 3 Credit Hours**

(Slashed with HED 84063) Health education and promotion methods and strategies are presented to develop programs and lesson plans for a variety of audiences, learning environments, and intervention levels.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HED 64070 WORKSITE HEALTH PROMOTION 3 Credit Hours**

(Slashed with HED 84070) Program planning and evaluation of health promotion programs in business and industry with an emphasis on the role of health educators.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HED 64080 ADVOCACY AND POLICY ISSUES IN HEALTH EDUCATION AND PROMOTION 3 Credit Hours**

(Slashed with HED 84080) Emphasizes the advocacy role of health educators. Includes use of research results to develop, analyze and influence health policy.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HED 64094 COLLEGE TEACHING OF HEALTH EDUCATION AND PROMOTION 2 Credit Hours**

(Repeatable for credit) (Cross-listed with HED 84094) Guided experiences in teaching selected undergraduate courses.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Lecture

**Contact Hours:** 2 other

**Grade Mode:** Satisfactory/Unsatisfactory

**HED 64096 INDIVIDUAL INVESTIGATION: READINGS IN HEALTH EDUCATION AND PROMOTION 1-3 Credit Hours**

(Slashed with HED 84096) Independent study of approved topics in health and safety education related to the student's special interests. Adviser's permission required to repeat registration one time.

**Prerequisite:** Health Education or Public Health major; and graduate standing; and special approval.

**Schedule Type:** Individual Investigation

**Contact Hours:** 3-9 other

**Grade Mode:** Standard Letter-S/U

**HED 64098 PROJECT IN HEALTH EDUCATION AND PROMOTION 1-3 Credit Hours**

(Repeatable for credit) (Slashed with HED 84098) Research or individual investigation for master's level graduate students.

**Prerequisite:** Grading standing; and special approval.

**Schedule Type:** Research

**Contact Hours:** 1-3 other

**Grade Mode:** Standard Letter

**HED 68092 DEVELOPMENTAL APPROACHES IN TEACHING SCHOOL HEALTH EDUCATION 3 Credit Hours**

Develop and implement standards based, culturally sensitive, developmentally appropriate, and ability centered health education unit and lesson plans with K-12 school populations. Students complete ODHE required field experience hours in this course for additional licensure in school health.

**Prerequisite:** HED 54544 and HED 64063; and graduate standing.

**Schedule Type:** Practical Experience

**Contact Hours:** 9 other

**Grade Mode:** Standard Letter

**HED 70093 VARIABLE TITLE WORKSHOP IN HEALTH EDUCATION AND PROMOTION 1-3 Credit Hours**

(Repeatable for credit) (Slashed with HED 40093 and 50093) Discussion of major issues in health and safety education. Content emphasis and prerequisites vary depending on workshop.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Workshop

**Contact Hours:** 1-3 other

**Grade Mode:** Satisfactory/Unsatisfactory

**HED 74096 INDIVIDUAL INVESTIGATION IN HEALTH EDUCATION AND PROMOTION 1-3 Credit Hours**

(Repeatable for credit) (Slashed with HED 44096 and 54096) Independent reading and/or research directed by a graduate faculty member. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school/agency before the first day of the semester in which student teaching/ internship will take place.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Individual Investigation

**Contact Hours:** 1-3 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**HED 77091 CURRENT ISSUES IN HEALTH EDUCATION AND PROMOTION 1-3 Credit Hours**

(Repeatable for credit) (Slashed with HED 47091 and 57091) Public health issues facing professionals in communities, schools, health care settings and the worksite.

**Prerequisite:** Graduate standing.

**Schedule Type:** Seminar

**Contact Hours:** 1-3 other

**Grade Mode:** Standard Letter

**HED 80199 DISSERTATION I 15 Credit Hours**

(Repeatable for credit) Registration for two semesters required, first semester dissertation work begins and continues until completion of 30 hours.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Dissertation

**Contact Hours:** 15 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**HED 80292 PRACTICUM IN HEALTH EDUCATION AND PROMOTION 3 Credit Hours**

(Repeatable for credit) In this course, students obtain permission to work with an individual faculty member on research, community projects, or other professional activities in various health education settings (school, community, medical care, worksite). Assignments are individualized to meet the needs of the practicum experience.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 9 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**HED 80299 DISSERTATION II 15 Credit Hours**

(Repeatable for credit) Continuing registration required of doctoral students who have completed the initial 30 hours of dissertation and continuing until degree requirements are met.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Dissertation

**Contact Hours:** 15 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**HED 81100 RESIDENCY SEMINAR: SYNTHESIS OF LITERATURE IN HEALTH EDUCATION AND PROMOTION 3 Credit Hours**

Exploration of philosophical, theoretical and empirical issues in health education and promotion. Students synthesize courses, research and practice in preparation for comprehensive examinations.

**Prerequisite:** Doctoral standing; and special approval of instructor.

**Schedule Type:** Seminar

**Contact Hours:** 3 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**HED 81150 SEMINAR: PROFESSIONAL DEVELOPMENT IN HEALTH EDUCATION AND PROMOTION 3 Credit Hours**

Focuses on the process, practice and documentation of professional development in health education and promotion in the areas of instruction, program development, research and evaluation.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Satisfactory/Unsatisfactory

**HED 81200 RESIDENCY SEMINAR: RESEARCH PROPOSAL, DEVELOPMENT AND PRESENTATION 3 Credit Hours**

Review of the role of research and scholarly pursuits in the professorate, the professional health education literature, and in the development and dissemination of a range of scholarly products. Identification of requisite elements of a dissertation in health education and promotion. Refinement of a professional vita, updating of doctoral program prospectus, specification of dissertation topic, identification of potential dissertation committee members, development and presentation of draft dissertation proposal.

**Prerequisite:** Doctoral standing; and special approval of instructor.

**Schedule Type:** Seminar

**Contact Hours:** 3 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**HED 81300 HEALTH EDUCATION PRACTICE 3 Credit Hours**

Investigation of various health education settings including analysis of agency programming efforts and comparison to evidence-based practice. Application of community assessment, socioecological model, and community-based participatory research principles. Analysis of how health education theory and research are implemented in various practice settings.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HED 81400 RESEARCH DISSEMINATION AND TECHNICAL WRITING IN HEALTH EDUCATION AND PROMOTION 3 Credit Hours**

Examination and practice of technical writing for research proposals, technical reports, and journal publications in health education and promotion. Other methods of disseminating research such as preparation and submission of conference presentation applications and writing as part of consultative relationships with community agencies is explored.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HED 81450 ADVANCED PROGRAM EVALUATION IN HEALTH EDUCATION AND PROMOTION 3 Credit Hours**

A review of evaluation methods used in health education programs. Emphasis is placed on data collection procedures, linking program activities to outcomes, participant attrition and reporting of the results.

**Prerequisite:** HED 64055 and HED 64057; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HED 81550 APPLIED THEORY IN HEALTH EDUCATION RESEARCH AND PRACTICE 3 Credit Hours**

Examination of theory/models/hypotheses applied to specific health behaviors. Emphasis on operationalization of theoretical constructs.

**Prerequisite:** HED 64050 or HED 74050.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HED 84030 INTRODUCTION TO RESEARCH AND DATA ANALYSIS IN HEALTH EDUCATION AND PROMOTION 3 Credit Hours**

Introduction of research methods in the field of health education and health promotion. Includes basic knowledge and skills in research design and concepts of descriptive and inferential statistics.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HED 84050 HEALTH BEHAVIOR 3 Credit Hours**

(Slashed with HED 64050) Analysis of a broad range of theoretical and empirical models of health and illness behavior.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HED 84051 BIOBEHAVIORAL ASPECTS OF DISEASE PREVENTION IN HEALTH EDUCATION AND PROMOTION 3 Credit Hours**

The etiology and pathogenesis of major diseases are studied from a biopsychosocial perspective with an emphasis on implications for disease prevention, health promotion and behavioral intervention.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HED 84055 NEEDS ASSESSMENT AND EVALUATION IN HEALTH PROMOTION 3 Credit Hours**

(Slashed with HED 64055) Students will assess individual and community needs for health promotion programs based on multiple sources of health data. Students will develop a rational plan to meet identified needs.

**Prerequisite:** HED 64050 or 84050; and HED 64061 or 84061; and HED 64063 or 84063; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HED 84057 PROGRAM PLANNING AND IMPLEMENTATION IN HEALTH PROMOTION 3 Credit Hours**

(Slashed with HED 64057) Students will develop, implement, and evaluate a health education and promotion program plan specific to a target audience and health issue.

**Prerequisite:** HED 64050 or 84050; and HED 64055 or 84055; and HED 64061 or 84061; and HED 64063 or 84063; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HED 84059 COMMUNICATION AND MARKETING IN HEALTH EDUCATION AND PROMOTION 3 Credit Hours**

(Slashed with HED 64059) Introduction to the theory and practice of planning, implementing, and evaluating marketing and communication programs in health promotion.

**Prerequisite:** HED 64050 or 84050; and HED 64061 or 84061; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HED 84061 FOUNDATIONS OF HEALTH EDUCATION AND PROMOTION 3 Credit Hours**

(Slashed with HED 64061) Historical, sociological and philosophical factors that have influenced definitions and the practice of health education and promotion are studied. Professional associations/ leadership, government initiatives, standards of practice and accreditations are examined.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HED 84062 ADMINISTRATION AND GRANT WRITING IN HEALTH PROMOTION 3 Credit Hours**

(Slashed with HED 64062) Basic concepts in the administration of health education promotion programs and grant writing. Coordination of program services, consultative relationships, management of human and fiscal resources, and organizational leadership are addressed as well as grant writing skills.

**Prerequisite:** HED 64061 or 84061; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HED 84063 STRATEGIES IN HEALTH EDUCATION AND PROMOTION 3 Credit Hours**

(Slashed with HED 64063) Health education and promotion methods and strategies are presented to develop programs and lesson plans for a variety of audiences, learning environments, and intervention levels.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HED 84066 HEALTH IN THE DEVELOPING NATIONS 3 Credit Hours**

Overview of national development, review of problems process and strategy of health development.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HED 84070 WORKSITE HEALTH PROMOTION 3 Credit Hours**

(Slashed with HED 64070) Program planning and evaluation of health promotion programs in business and industry with an emphasis on the role of health educators.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HED 84080 ADVOCACY AND POLICY ISSUES IN HEALTH EDUCATION AND PROMOTION 3 Credit Hours**

(Slashed with HED 64080) Emphasizes the advocacy role of health educators. Includes use of research results to develop analyze and influence health policy.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HED 84094 COLLEGE TEACHING OF HEALTH EDUCATION AND PROMOTION 2 Credit Hours**

(Repeatable for credit) (Slashed with HED 64094) Guided experiences in teaching selected undergraduate courses.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Lecture

**Contact Hours:** 2 other

**Grade Mode:** Satisfactory/Unsatisfactory

**HED 84096 INDIVIDUAL INVESTIGATION: READINGS IN HEALTH EDUCATION AND PROMOTION 1-3 Credit Hours**

(Slashed with HED 64096) Independent study of approved topics in health and safety education related to the student's special interests. Adviser's permission required to repeat registration one time.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Individual Investigation

**Contact Hours:** 3-9 other

**Grade Mode:** Standard Letter-S/U

**HED 84098 PROJECT IN HEALTH EDUCATION AND PROMOTION 1-3 Credit Hours**

(Repeatable for credit) (Slashed with HED 64098) Research or individual investigation for doctoral level graduate students.

**Prerequisite:** Doctoral standing and special approval.

**Schedule Type:** Research

**Contact Hours:** 1-3 other

**Grade Mode:** Standard Letter

**HED 88092 DEVELOPMENTAL APPROACHES IN TEACHING SCHOOL HEALTH EDUCATION 3 Credit Hours**

Develop and implement standards based, culturally sensitive, developmentally appropriate, and ability centered health education unit and lesson plans with K-12 school populations. Students complete ODHE required field experience hours in this course for additional licensure in school health.

**Prerequisite:** HED 54544 and HED 84063; and doctoral standing.

**Schedule Type:** Practical Experience

**Contact Hours:** 9 other

**Grade Mode:** Standard Letter

**Integrated Health Studies (IHS)****IHS 10000 CAREERS IN HEALTH SCIENCES AND HUMAN SERVICES 3 Credit Hours**

This course presents the diverse career options in the fields of health sciences and human services. Academic preparation and credentialing for professions will be included.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**IHS 40091 SEMINAR FOR PRACTICUM IN INTEGRATED HEALTH STUDIES 2 Credit Hours**

(Repeatable for credit) Seminar focuses on applying concepts from previous educational experiences to the practicum work experience.

**Prerequisite:** IHS 10000.

**Corequisite:** IHS 44092.

**Schedule Type:** Seminar

**Contact Hours:** 2 other

**Grade Mode:** Standard Letter

**IHS 44010 RESEARCH DESIGN AND STATISTICAL METHODS IN THE HEALTH PROFESSIONS 3 Credit Hours**

Fundamental concepts and procedures for systematic collection, analysis and interpretation of qualitative and quantitative data in health related fields includes group and single-subject designs and use of parametric and nonparametric statistics.

**Prerequisite:** PSYC 21621.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**IHS 44091 PROFESSIONAL SEMINAR IN INTEGRATED HEALTH STUDIES (WIC) 3 Credit Hours**

(Repeatable for credit) This course presents and integrates the role of scientists, practitioners and administrators in the health care and human service professions as they attempt to meet the needs of the individual in diverse environments. Current issues will be addressed. 400 hours observation/work experience in health/human service-related fields required prior to registration for this course.

**Prerequisite:** Senior standing; and special approval.

**Schedule Type:** Seminar

**Contact Hours:** 3 other

**Grade Mode:** Standard Letter

**Attributes:** Writing Intensive Course

**IHS 44092 PRACTICUM IN INTEGRATED HEALTH STUDIES (ELR) 3-10 Credit Hours**

(Repeatable for credit) Practicum focuses on providing supervised practical experience in a health science, health care and human services organization which allows students to apply theoretical knowledge and skills learned in their coursework.

**Prerequisite:** Integrated health studies majors; and senior standing; and special approval.

**Corequisite:** IHS 40091.

**Schedule Type:** Practical Experience

**Contact Hours:** 9-30 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**Attributes:** Experiential Learning Requirement

**IHS 44095 SPECIAL TOPICS IN INTEGRATED HEALTH STUDIES 1-3 Credit Hours**

(Repeatable for credit) Selected topics in integrated health dependent upon interest.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 1-3 lecture

**Grade Mode:** Standard Letter

**IHS 44096 INDIVIDUAL INVESTIGATION IN INTEGRATED HEALTH****1-3 Credit Hours**

(Repeatable for credit) Independent study completed under the supervision of a faculty member. Written approval of supervising faculty member and school director required prior to registration.

**Prerequisite:** Special approval.

**Schedule Type:** Individual Investigation

**Contact Hours:** 3-9 other

**Grade Mode:** Standard Letter-IP

**Nutrition (NUTR)****NUTR 10011 NUTRITIONAL OUTREACH: A HOW-TO FOR LIFE-LONG HEALTHY EATING 1 Credit Hour**

Teaches basic nutrition information for healthy eating, including the important nutritional aspects of cooking, shopping, dining and disease prevention related to dietary intake.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 1 lecture

**Grade Mode:** Standard Letter

**NUTR 23012 INTRODUCTORY FOOD SCIENCE 3 Credit Hours**

(Cross-listed with HEM 23212) Principles of food preparation and quality evaluation, with an emphasis on food science concepts, nutrition, food consumption trends and government regulation.

**Prerequisite:** NUTR 23511.

**Schedule Type:** Laboratory, Lecture, Combined Lecture and Lab

**Contact Hours:** 2 lecture, 3 lab

**Grade Mode:** Standard Letter

**NUTR 23112 INTRODUCTION TO THE PROFESSION: NUTRITION AND DIETETICS 1 Credit Hour**

Discusses academic requirements for the Nutrition major, the history of the nutrition profession as well as current credentialing and licensing requirements. Explores the opportunities within the field of dietetics. Teaches methods to document academic, personal and professional skills.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 1 lecture

**Grade Mode:** Standard Letter

**NUTR 23510 QUANTITY FOOD PRODUCTION, SERVICE AND SAFETY 3 Credit Hours**

(Cross-listed with HM 23510) The application of management principles in quantity food production and service systems, including safety and sanitation; production forecasting and management; distribution; and service, commercial equipment and physical facilities. Introduction to inventory, recipe standardization and considerations of nutrition, quality and sustainability in quantity production.

**Prerequisite:** NUTR 23112.

**Schedule Type:** Laboratory, Lecture, Combined Lecture and Lab

**Contact Hours:** 2 lecture, 3 lab

**Grade Mode:** Standard Letter

**NUTR 23511 SCIENCE OF HUMAN NUTRITION (KBS) 3 Credit Hours**

Basic concepts and principles in the science of human nutrition, energy balance and weight control, individual nutrient needs, diet selection, nutrition related metabolism and physiological functions, nutritional diseases and current human nutrition controversies.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**Attributes:** Kent Core Basic Sciences, TAG Health

**NUTR 23520 SPORTS NUTRITION 3 Credit Hours**

Teaches basic sports nutrition as well as practical applications of sports nutrition principles for students majoring in various healthcare related fields.

**Prerequisite:** NUTR 23511.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**NUTR 33512 INTERMEDIATE NUTRITION SCIENCE 3 Credit Hours**

Functions, sources, utilization and interactions of essential nutrients and associated physiology. Principles of designing a healthy diet using dietary standards and guidelines while considering nutrient needs of different populations.

**Pre/corequisite:** CHEM 20481 or CHEM 30481.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**NUTR 33522 INTRODUCTION TO NUTRITION ASSESSMENT 3 Credit Hours**

Application of nutrition principles, including nutrition-focused physical assessment, dietary intake assessment, nutrition surveys, introduction to medical records, nutrition interviewing, dietary standards and food exchange lists.

**Prerequisite:** NUTR 23511 and PSYC 11762 and SOC 12050; and nutrition major.

**Schedule Type:** Laboratory, Lecture, Combined Lecture and Lab

**Contact Hours:** 2 lecture, 2 lab

**Grade Mode:** Standard Letter

**NUTR 33532 BUSINESS AND MANAGEMENT OF NUTRITION SERVICES 3 Credit Hours**

Course explores the business management side of dietetics. Covers application of management theories, from dietetic programs and services to budgeting, billing and coding, in addition to quality improvement in dietetics programs and departments.

**Prerequisite:** NUTR 23511.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**NUTR 35319 NUTRITION, HEALTH AND SOCIETY 3 Credit Hours**

Course explores the role of environment, food, nutrition and lifestyle choices in promoting health and preventing disease. Focus is on the fundamentals of public policy, including legislative and regulatory basis of nutrition and dietetics practices.

**Prerequisite:** NUTR 23511.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**NUTR 41095 SPECIAL TOPICS IN NUTRITION 1-4 Credit Hours**  
(Repeatable for credit)(Slashed with NUTR 51095) Discussion of a major topic within a specific field in nutrition and dietetics. Topic varies per course offering.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 1-4 lecture

**Grade Mode:** Standard Letter

**NUTR 41096 INDIVIDUAL INVESTIGATION IN NUTRITION 1-3 Credit Hours**

(Repeatable for credit) Students undertake an independent study in an area of nutrition and dietetics that is not covered by a regular course offering, with the guidance of a Kent State faculty member.

**Prerequisite:** Special approval.

**Schedule Type:** Individual Investigation

**Contact Hours:** 1-3 other

**Grade Mode:** Standard Letter

**NUTR 43013 RESEARCH AND STATISTICAL METHODS IN NUTRITION AND DIETETICS (WIC) 3 Credit Hours**

(Slashed with NUTR 53013) Student gain experience in research methods related to nutrition and dietetics, principles of experimental design, data analysis and techniques of scientific writing.

**Prerequisite:** NUTR 33512.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**Attributes:** Writing Intensive Course

**NUTR 43016 WORLD FOOD CUSTOMS AND NUTRITION 3 Credit Hours**

(Slashed with NUTR 53016) Understanding the interrelationship between food and agricultural practices of racial, ethnic and religious populations globally.

**Prerequisite:** NUTR 23511 and SOC 12050.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**NUTR 43030 FOOD SERVICE SYSTEMS MANAGEMENT 3 Credit Hours**

(Slashed with HTM 53030 and NUTR 53030)(Cross-listed with HEM 43030) Food service systems management, including systems theory; menu planning and evaluation; procurement; food production systems; sustainability; layout and design basics. Management concepts in non-commercial food service, including financial control, marketing, quality, management, leadership and human resources.

**Prerequisite:** HEM 23212 or NUTR 23012; and HEM 23510 or NUTR 23510.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**NUTR 43511 MEDICAL NUTRITION THERAPY I 3 Credit Hours**

(Slashed with NUTR 53511) Exploration of the nutrition care process, including documentation, standardized language, nutrition assessment, interpretation of laboratory values and individualized patient care and planning for disease and nutrition needs. Students engage in case studies and nutrition assessment exercises.

**Prerequisite:** BSCI 30130 and CHEM 30284 and NUTR 33512.

**Schedule Type:** Laboratory, Lecture, Combined Lecture and Lab

**Contact Hours:** 2 lecture, 2 lab

**Grade Mode:** Standard Letter

**NUTR 43512 MACRONUTRIENT NUTRITIONAL BIOCHEMISTRY 3 Credit Hours**

(Slashed with NUTR 53512) Course explores the mechanisms through which the macronutrients meet biological needs and how these related to applied human nutrition.

**Prerequisite:** BSCI 30130 and CHEM 30284 and NUTR 33512.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**NUTR 43513 MICRONUTRIENT NUTRITIONAL BIOCHEMISTRY 3 Credit Hours**

(Slashed with NUTR 53513) Course explores the mechanisms through which micronutrients meet human biological needs in the relationship to underlying applied human nutrition.

**Prerequisite:** BSCI 30130 and CHEM 30284 and NUTR 33512.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**NUTR 43514 MEDICAL NUTRITION THERAPY II 3 Credit Hours**

(Slashed with NUTR 53514) Continued exploration of the nutrition care process, including relevant documentation, standardized language, nutrition assessment, interpretation of laboratory values and individualized patient care and planning for disease and nutritional needs. Students engage in case studies and nutritional assessments.

**Prerequisite:** NUTR 43511.

**Schedule Type:** Laboratory, Lecture, Combined Lecture and Lab

**Contact Hours:** 2 lecture, 2 lab

**Grade Mode:** Standard Letter

**NUTR 43515 COMMUNITY NUTRITION (ELR) 3 Credit Hours**

(Slashed with NUTR 53515) Introduction to nutrition problems and practices in the community. Principles and techniques of effective education, learning and behavior change theories and techniques. Includes an experiential laboratory component with a focus on planning, implementation, evaluation and outcomes in nutrition education, as well as nutrition communication, programming and counseling techniques.

**Prerequisite:** NUTR 33512 and NUTR 33522 and NUTR 33532.

**Schedule Type:** Laboratory, Lecture

**Contact Hours:** 2 lecture, 2 lab

**Grade Mode:** Standard Letter

**Attributes:** Experiential Learning Requirement

**NUTR 43518 LIFECYCLE NUTRITION 3 Credit Hours**

(Slashed with NUTR 53518) Explores the nutrition needs through growth, development and aging. Focus is on nutritional needs and issues during conception, pregnancy, lactation, infancy, childhood, adolescence, adulthood and older adulthood.

**Prerequisite:** NUTR 33512.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**NUTR 43521 FOOD CHOICES FOR PRESCRIBED DIETARY MODIFICATION 2 Credit Hours**

(Slashed with NUTR 53521) Adapting adequate normal diet in terms of food choices to accommodate prescribed food restriction or bodily dysfunction.

**Prerequisite:** NUTR 23511; course is not open to students in the nutrition major.

**Schedule Type:** Lecture

**Contact Hours:** 2 lecture

**Grade Mode:** Standard Letter

**NUTR 43522 INTEGRATIVE AND FUNCTIONAL NUTRITION 2 Credit Hours**

(Slashed with NUTR 53522) Introduces the foundations of integrative and functional medicine as it relates to nutrition. Includes personalized nutrition, nutrigenomics, complementary and alternative therapies, nutraceuticals and functional foods, in addition to the interaction of food on supplement and drug efficacy.

**Prerequisite:** NUTR 33512.

**Schedule Type:** Lecture

**Contact Hours:** 2 lecture

**Grade Mode:** Standard Letter

**NUTR 43523 NUTRITION AND DIETETICS: PROFESSIONAL PRACTICE 1 Credit Hour**

Development of professional awareness. Evaluation of professional growth and formulation of plans for continued growth.

**Prerequisite:** Nutrition major; and senior standing.

**Schedule Type:** Lecture

**Contact Hours:** 1 lecture

**Grade Mode:** Standard Letter

**NUTR 43524 NUTRITION AND DIETETICS: PROFESSIONAL PRACTICE 2 Credit Hours**

Development of professional awareness, leadership and career goals. Evaluation of professional growth and formulation of plans for continued growth in the profession of nutrition and dietetics.

**Prerequisite:** Nutrition major; and senior standing.

**Schedule Type:** Lecture

**Contact Hours:** 2 lecture

**Grade Mode:** Standard Letter

**NUTR 43532 METHODS AND EXPERIENCES IN NUTRITION OUTREACH 3 Credit Hours**

(Slashed with NUTR 53532) Students learn methods for development and evaluation techniques used for nutrition outreach programming; the role of community nutrition education in public health; and the impact of nutrition programming on disease prevention and management. Students engage in service learning opportunities in community nutrition education.

**Prerequisite:** Special approval.

**Schedule Type:** Lecture, Practical Experience

**Contact Hours:** 2.5 lecture, 4 other

**Grade Mode:** Standard Letter

**NUTR 45092 PRACTICUM IN NUTRITION (ELR) 1-3 Credit Hours**

Application of education in pre-professional experience in clinical, community and nutrition foodservice environments. Combination of nutrition experiences throughout the semester.

**Prerequisite:** Special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 3-9 other

**Grade Mode:** Standard Letter

**Attributes:** Experiential Learning Requirement

**NUTR 45098 RESEARCH IN NUTRITION (ELR) 1-3 Credit Hours**

Students engage in research under the supervision of a nutrition faculty member. Students may develop a research idea or work on faculty-led research.

**Prerequisite:** Special approval.

**Schedule Type:** Research

**Contact Hours:** 3-9 other

**Grade Mode:** Standard Letter

**Attributes:** Experiential Learning Requirement

**NUTR 51095 SPECIAL TOPICS IN NUTRITION 1-4 Credit Hours**

(Repeatable for credit)(Slashed with NUTR 41095) Discussion of a major topic within a specific field in nutrition and dietetics. Topic varies per course offering.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 1-4 lecture

**Grade Mode:** Standard Letter

**NUTR 51096 INDIVIDUAL INVESTIGATION IN NUTRITION 1-3 Credit Hours**

(Repeatable for credit) Students undertake an independent study in an area of nutrition and dietetics that is not covered by a regular course offering, with the guidance of a Kent State faculty member.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Individual Investigation

**Contact Hours:** 1-3 other

**Grade Mode:** Standard Letter

**NUTR 53013 RESEARCH AND STATISTICAL METHODS IN NUTRITION 3 Credit Hours**

(Slashed with NUTR 43013) Students gain experience in research methods related to nutrition and dietetics, principles of experimental design, data analysis and techniques of scientific writing.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**NUTR 53016 WORLD FOOD CUSTOMS AND NUTRITION 3 Credit Hours**

(Slashed with NUTR 43016) Understanding the interrelationship between food and agricultural practices of racial, ethnic and religious populations globally.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**NUTR 53030 FOOD SERVICE SYSTEMS MANAGEMENT 3 Credit Hours**

(Slashed with NUTR 43030)(Cross-listed with HM 43030 and HM 53030) Food service systems management, including systems theory; menu planning and evaluation; procurement; food production systems; sustainability; layout and design basics. Management concepts in non-commercial food service, including financial control, marketing, quality, management, leadership and human resources.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**NUTR 53511 MEDICAL NUTRITION THERAPY I 3 Credit Hours**

(Slashed with NUTR 43511) Exploration of the nutrition care process, including documentation, standardized language, nutrition assessment, interpretation of laboratory values and individualized patient care and planning for disease and nutrition needs. Students engage in case studies and nutrition assessment exercises.

**Prerequisite:** Graduate standing.

**Schedule Type:** Laboratory, Lecture, Combined Lecture and Lab

**Contact Hours:** 2 lecture, 2 lab

**Grade Mode:** Standard Letter

**NUTR 53512 MACRONUTRIENT NUTRITIONAL BIOCHEMISTRY 3 Credit Hours**

(Slashed with NUTR 43512) Course explores the mechanisms through which the macronutrients meet biological need and how these related to applied human nutrition.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**NUTR 53513 MICRONUTRIENT NUTRITIONAL BIOCHEMISTRY 3 Credit Hours**

(Slashed with NUTR 43513) Course explores the mechanisms through which micronutrients meet human biological needs in the relationship to underlying applied human nutrition.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**NUTR 53514 MEDICAL NUTRITION THERAPY II 3 Credit Hours**

(Slashed with NUTR 43514) Continued exploration of the nutrition care process, including relevant documentation, standardized language, nutrition assessment, interpretation of laboratory values and individualized patient care and planning for disease and nutritional needs. Students engage in case studies and nutritional assessments.

**Prerequisite:** Graduate standing.

**Schedule Type:** Laboratory, Lecture, Combined Lecture and Lab

**Contact Hours:** 2 lecture, 2 lab

**Grade Mode:** Standard Letter

**NUTR 53515 COMMUNITY NUTRITION 3 Credit Hours**

(Slashed with NUTR 43515) Introduction to nutrition problems and practices in the community. Principles and techniques of effective education, learning and behavior change theories and techniques. Includes an experiential laboratory component with a focus on planning, implementation, evaluation and outcomes in nutrition education, as well as nutrition communication, programming and counseling techniques.

**Prerequisite:** Graduate standing.

**Schedule Type:** Laboratory, Lecture, Combined Lecture and Lab

**Contact Hours:** 2 lecture, 2 lab

**Grade Mode:** Standard Letter

**NUTR 53518 LIFECYCLE NUTRITION 3 Credit Hours**

(Slashed with NUTR 43518) Explores the nutrition needs through growth, development and aging. Focus is on nutritional needs and issues during conception, pregnancy, lactation, infancy, childhood, adolescence, adulthood and older adulthood.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**NUTR 53521 FOOD CHOICES FOR PRESCRIBED DIETARY MODIFICATION 2 Credit Hours**

Adapting adequate normal diet in terms of food choices to accommodate prescribed food restriction or bodily dysfunction.

**Prerequisite:** NUTR 23511; course is not open to students in the nutrition major.

**Schedule Type:** Lecture

**Contact Hours:** 2 lecture

**Grade Mode:** Standard Letter

**NUTR 53522 INTEGRATIVE AND FUNCTIONAL NUTRITION 2 Credit Hours**

(Slashed with NUTR 43522) Introduces the foundations of integrative and functional medicine as it relates to nutrition. Includes personalized nutrition, nutrigenomics, complementary and alternative therapies, nutraceuticals and functional foods, in addition to the interaction of food on supplement and drug efficacy.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 2 lecture

**Grade Mode:** Standard Letter

**NUTR 53532 METHODS AND EXPERIENCES IN NUTRITION OUTREACH 3 Credit Hours**

(Slashed with NUTR 43532) Students learn methods for development and evaluation techniques used for nutrition outreach programming; the role of community nutrition education in public health; and the impact of nutrition programming on disease prevention and management. Students engage in service learning opportunities in community nutrition education.

**Prerequisite:** Nutrition major; and graduate standing; and special approval.

**Schedule Type:** Lecture, Practical Experience

**Contact Hours:** 2.5 lecture, 4 other

**Grade Mode:** Standard Letter

**NUTR 61016 RESEARCH METHODS IN NUTRITION I 3 Credit Hours**

Introduces the foundations of research methods and statistics in nutrition sciences. Students are exposed to basic research methods related to quantitative and qualitative methods with an emphasis on quantitative methods. Basic statistical concepts are introduced with a focus on descriptive and inferential statistic common in nutrition science research. During the course, students start developing their thesis or research project.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**NUTR 61017 RESEARCH METHODS IN NUTRITION II 3 Credit Hours**

Course builds upon NUTR 61016 and develops understanding on important aspects of research methods and statistical tests used in nutrition and dietetics.

**Prerequisite:** NUTR 61016; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**NUTR 61098 RESEARCH 1-15 Credit Hours**

(Repeatable for credit) Research for master's-level students. Credit earned may be applied toward meeting degree requirements with school approval.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Research

**Contact Hours:** 1-15 other

**Grade Mode:** Standard Letter-IP



**NUTR 61099 MASTER'S PROJECT 2-6 Credit Hours**

(Repeatable for credit) (Cross-listed with HDFS 61099) Completion and successful defense of a master's project. Master's project students must register for a total of 6 hours, 2 to 6 hours in a single semester distributed over several semesters if desired.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Project or Capstone

**Contact Hours:** 2-6 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**NUTR 63199 THESIS I 2-6 Credit Hours**

Thesis students must register for a total of 6 hours, 2 to 6 hours in a single semester distributed over several semesters if desired.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Masters Thesis

**Contact Hours:** 2-6 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**NUTR 63299 THESIS II 2 Credit Hours**

Students must continue registration each semester until all degree requirements are met.

**Prerequisite:** NUTR 63199; and graduate standing.

**Schedule Type:** Masters Thesis

**Contact Hours:** 2 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**NUTR 63518 ADVANCED SPORTS NUTRITION 3 Credit Hours**

Course focuses on nutritional concepts and principles related to athletic performance including energy needs, metabolism, and utilization in sports, macronutrient needs and metabolism, micronutrient needs of athletes, nutrient timing considerations, hydration needs and practices and other special considerations.

**Prerequisite:** Graduation standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**NUTR 63519 ADVANCED STUDY OF MICRONUTRIENTS 3 Credit Hours**

Course covers intake, digestion and absorption of nutrients.

**Prerequisite:** Nutrition major; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**NUTR 63520 MACRONUTRIENT NUTRITION 3 Credit Hours**

Course covers metabolic utilization of macronutrients for body processes.

**Prerequisite:** Nutrition major; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**NUTR 63521 NUTRITION AND DISEASE: CLINICAL APPLICATIONS 3 Credit Hours**

Recent trends and concepts in research and practice of therapeutic dietetics.

**Prerequisite:** Nutrition major; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**NUTR 63522 COMMUNICATION, MANAGEMENT AND PROFESSIONALISM IN DIETETICS 3 Credit Hours**

Explores the importance of communication in a variety of medias as it relates to leadership and management and overall professionalism in nutrition. The areas of management focus include foodservice, community and clinical nutrition management.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**NUTR 63524 PERSPECTIVE ON PREVENTION AND PRACTICE IN COMMUNITY NUTRITION 3 Credit Hours**

Explores the relationship between nutritional epidemiology and the research, policies and programs for the successful treatment and prevention of nutrition related disease in the United States. Focuses on the behavioral and learning theories used in successful nutrition interventions and grant writing to sustain community programs.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**NUTR 63525 DIETETIC PRACTICE: COMMUNITY 1 Credit Hour**

Discussion focusing on nutrition care in the community setting.

Evaluation and interpretation of the scientific literature.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Lecture

**Contact Hours:** 1 lecture

**Grade Mode:** Standard Letter

**NUTR 63526 DIETETIC PRACTICE: MANAGEMENT 1 Credit Hour**

Discussion focusing on the management of food and nutrition services.

Evaluation and interpretation of the scientific literature.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Lecture

**Contact Hours:** 1 lecture

**Grade Mode:** Standard Letter

**NUTR 63527 DIETETIC PRACTICE: CLINICAL 1 Credit Hour**

Discussion focusing on nutrition care in the acute practice setting.

Evaluation and interpretation of the scientific literature.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Lecture

**Contact Hours:** 1 lecture

**Grade Mode:** Standard Letter

**NUTR 63591 NUTRITION SEMINAR 1-3 Credit Hours**

(Repeatable for credit) Evaluation and interpretation of recent literature in an area of nutrition. Topic varies per course offering.

**Prerequisite:** Graduate standing.

**Schedule Type:** Seminar

**Contact Hours:** 1-3 other

**Grade Mode:** Standard Letter

**NUTR 63592 DIETETIC INTERNSHIP 1-4 Credit Hours**

(Repeatable for credit) Supervised practice component of dietetic internship.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 12-48 other

**Grade Mode:** Satisfactory/Unsatisfactory

## Speech Pathology and Audiology (SPA)

### SPA 10002 INTRODUCTION TO COMMUNICATION DISORDERS AND DIFFERENCES 3 Credit Hours

An introduction to communication disorders and differences using a) case studies via film and video review and critique, b) lecture, and c) class discussions. Covers speech, language, swallowing and hearing disorders and cultural and linguistic differences in communication.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

### SPA 33101 HEARING AND SPEECH SCIENCE 3 Credit Hours

Acoustics, psychoacoustics, and acoustics of speech production and perception.

**Prerequisite:** Admittance into the SPA professional phase (minimum 3.000 overall GPA at 60 credits).

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

### SPA 34102 APPLIED PHONETICS 3 Credit Hours

Basic principles of speech production and phonetic transcriptions of English with the international phonetic alphabet; emphasis on general American dialect.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

### SPA 34103 ANATOMY AND PHYSIOLOGY OF SPEECH AND HEARING 3 Credit Hours

Functional anatomy and physiology of the respiratory, phonatory, articulatory, neural, and auditory systems as they are used with normal and abnormal speech and hearing.

**Prerequisite:** SPA 34104.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

### SPA 34104 SPEECH AND LANGUAGE ACQUISITION 3 Credit Hours

Normal development and linguistic analysis of language systems including phonology, morphology, syntax, semantics, and pragmatics.

**Pre/corequisite:** SPA 34102.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

### SPA 34105 PHONEMIC BASES OF SPEECH AND LANGUAGE 3 Credit Hours

Fundamental processes related to production and perception of spoken language, with parallels to writing and reading particular application to normal and hearing impaired children and adolescents. For nonmajors only.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

### SPA 34106 ARTICULATORY AND PHONOLOGICAL DISORDERS 3 Credit Hours

Assessment and remediation of disorders of articulation and phonology.

**Prerequisite:** Admittance into the speech pathology and audiology professional phase (minimum 3.000 overall GPA at 60 credits); and SPA 34102 and SPA 34104.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

### SPA 34107 LANGUAGE DISORDERS IN CHILDREN AND ADOLESCENTS 3 Credit Hours

Introduction to assessment and intervention procedures associated with language disorders in children and adolescents.

**Prerequisite:** SPA 34104.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

### SPA 34210 SPEECH AND LANGUAGE DEVELOPMENT 3 Credit Hours

Normal development and linguistic analysis of language systems including phonology, morphology, syntax, semantics, and pragmatics. This course is for non-speech pathology and audiology majors.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

### SPA 43402 AUDIOMETRY 3 Credit Hours

(Slashed with SPA 53402) Measurement of human hearing by pure-tone and speech audiometry; evaluation of middle ear function by immittance audiometry; screening techniques; pathologies of the conductive and sensorineural systems.

**Prerequisite:** Admittance into the speech pathology and audiology professional phase (minimum 3.000 overall GPA at 60 credits); and SPA 33101.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

### SPA 43404 AURAL REHABILITATION 3 Credit Hours

Basic principles, variables and techniques for understanding, evaluating and improving receptive communication of hearing impaired individuals.

**Prerequisite:** Admittance into the speech pathology and audiology professional phase (minimum 3.000 overall GPA at 60 credits); and SPA 33101 and 34102 and 43402 (speech pathology and audiology majors) or 43600 (Education of Hearing Impaired majors).

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

### SPA 43405 CLINICAL PREPARATION IN AUDIOLOGY (ELR) 2 Credit Hours

Exercises and practical experiences in audiometric procedures, test interpretation, and Audiological diagnosis.

**Prerequisite:** Admittance into the speech pathology and audiology professional phase (minimum 3.000 overall GPA at 60 hours).

**Corequisite:** SPA 43402.

**Schedule Type:** Laboratory, Lecture, Combined Lecture and Lab

**Contact Hours:** 1 lecture, 2 lab

**Grade Mode:** Standard Letter

**Attributes:** Experiential Learning Requirement

**SPA 43600 FUNDAMENTALS OF EDUCATIONAL AUDIOLOGY 3 Credit Hours**

Auditory development and function/dysfunction; auditory assessment and family counseling; selection and fitting of personal and classroom amplification; care and maintenance of amplification systems; collaboration of professionals in audiology and education; communication approaches according to varying levels of hearing loss; classroom environments conducive to auditory and academic learning.

**Prerequisite:** Junior standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPA 44010 SOCIAL COMMUNICATION DEVELOPMENT AND DISORDERS IN AUTISM SPECTRUM DISORDERS 3 Credit Hours**

Provides an understanding of the social, communication, and language needs of those with ASD from childhood through adulthood. Examines the cognitive, neurological, social, and environmental components influencing social, communicative functioning. Reviews contemporary assessment and intervention strategies. Explores the use of assistive technology to enhance social communicative functioning in those with ASD.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPA 44020 MEDICAL ASPECTS OF AUTISM SPECTRUM DISORDERS 3 Credit Hours**

(Cross-listed with SPED 44020) Description of medical issues facing individuals with autism spectrum disorders (ASD) and their families. Examination of etiology, co-occurring disabilities and disorders, and treatment options in relation to individuals with ASD.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPA 44030 AUTISM SPECTRUM DISORDERS OVER THE LIFESPAN 3 Credit Hours**

Provides students with a review of the significant aspects related to educational, social, vocational transitions for children, adolescents, and young adults with ASD. Students learning skills necessary to evaluate and develop programs designed to meet the changing and long term needs of those with ASD.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPA 44089 VARIABLE TOPIC INTERNATIONAL EXPERIENCE IN SPEECH PATHOLOGY AND AUDIOLOGY (ELR) 1-4 Credit Hours**

(Slashed with SPA 54089 and SPA 74089) A faculty-led study abroad experience that integrates traditional classroom learning with experiential activities and site visits outside the United States. International experience courses may have pre- and post-travel classroom study. Course activities may include, but are not limited to, classroom study, research, field work, internships and service learning.

**Prerequisite:** None.

**Schedule Type:** International Experience

**Contact Hours:** 1-4 other

**Grade Mode:** Standard Letter-IP

**Attributes:** Experiential Learning Requirement

**SPA 44096 INDEPENDENT STUDY: SPEECH PATHOLOGY AND AUDIOLOGY 1-6 Credit Hours**

(Repeatable for credit) Readings and/or research on problems approved by chairman of department in consultation with student's adviser and project director.

**Prerequisite:** Speech pathology and audiology major and special approval.

**Schedule Type:** Individual Investigation

**Contact Hours:** 3-18 other

**Grade Mode:** Standard Letter-IP

**SPA 44110 SPEECH SCIENCE 3 Credit Hours**

Consideration of physiological and acoustic characteristics of normal speech production and perception with implications for speech and hearing disorders.

**Prerequisite:** Admittance into the speech pathology and audiology professional phase (minimum 3.000 overall GPA at 60 credits); and SPA 34102 and SPA 34106.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPA 44111 NEURAL PROCESSES 3 Credit Hours**

(Slashed with SPA 54111) Anatomy and physiology of the nervous system underlying human neuromotor movements. Topics include: definition and fundamental concepts, afferent and efferent systems, cortical anatomy and function, cranial nerves, theories of brain function, and neural maturation and learning.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPA 44112 AGE-RELATED CHANGES IN COMMUNICATION 3 Credit Hours**

Nonpathological age-related changes in speech, language and voice. Topics include structural changes in orofacial, laryngeal and respiratory mechanism; sequelae for speech, language and voice in the elderly; effects of age on swallowing; facilitating conversational interactions with elderly individuals.

**Prerequisite:** Admittance into the speech pathology and audiology professional phase (minimum 3.000 overall GPA at 60 credits).

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPA 44130 COMMUNICATION DISORDERS OF THE AGING 2 Credit Hours**

Hearing, speech and language disorders in geriatric population. Symptoms, causes and treatment: normal changes in hearing, language and speech accompanying aging process.

**Prerequisite:** Senior standing.

**Schedule Type:** Lecture

**Contact Hours:** 2 lecture

**Grade Mode:** Standard Letter

**SPA 44310 CLINICAL PROCEDURES IN SPEECH PATHOLOGY 3 Credit Hours**

This course addresses evaluation and intervention procedures in the field of speech-language pathology across the lifespan.

**Prerequisite:** Admittance into the speech pathology and audiology professional phase (minimum 3.000 overall GPA at 60 credits) professional phase (minimum 3.000 overall GPA at 60 credits); and Senior standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPA 44311 CLINICAL PREPARATION IN SPEECH-LANGUAGE PATHOLOGY (ELR) (WIC) 2 Credit Hours**

The course covers evaluation and intervention methodology for individuals with communication disorders and essential professional written communication skills.

**Prerequisite:** Admittance into the speech pathology and audiology professional phase (3.000 overall GPA at 60 hours).

**Corequisite:** SPA 44310.

**Schedule Type:** Lecture

**Contact Hours:** 2 lecture

**Grade Mode:** Standard Letter

**Attributes:** Experiential Learning Requirement, Writing Intensive Course

**SPA 53402 AUDIOMETRY 3 Credit Hours**

(Slashed with SPA 43402) Measurement of human hearing by puretone and speech audiometry# evaluation of middle ear function by immittance audiometry# screening techniques# pathologies of the conductive and sensorineural systems.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPA 53404 AURAL REHABILITATION 3 Credit Hours**

Basic principles, variables and techniques for understanding, evaluating and improving receptive communication of hearing impaired individuals.

**Prerequisite:** Education of hearing impaired majors: SPA 43600; speech pathology and audiology majors: SPA 33101 and SPA 34102 and SPA 43402; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPA 54010 SOCIAL COMMUNICATION DEVELOPMENT AND DISORDERS IN AUTISM SPECTRUM DISORDERS 3 Credit Hours**

Provides an understanding of the social, communication, and language needs of those with ASD from childhood through adulthood. Examines the cognitive, neurological, social, and environmental components influencing social, communicative functioning. Reviews contemporary assessment and intervention strategies. Explores the use of assistive technology to enhance social communicative functioning in those with ASD.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPA 54089 VARIABLE TOPIC INTERNATIONAL EXPERIENCE IN SPEECH PATHOLOGY AND AUDIOLOGY 1-4 Credit Hours**

(Repeatable for credit) (Slashed with SPA 44089 and SPA 74089) A faculty-led study abroad experience that integrates traditional classroom learning with experiential activities and site visits outside the United States. International experience courses may have pre- and post-travel classroom study. Course activities may include, but are not limited to, classroom study, research, field work, internships and service learning.

**Prerequisite:** Graduate standing.

**Schedule Type:** International Experience

**Contact Hours:** 1-4 other

**Grade Mode:** Standard Letter-IP

**SPA 54096 INDEPENDENT STUDY: SPEECH PATHOLOGY AND AUDIOLOGY 1-6 Credit Hours**

(Repeatable for credit) Readings and/or research on problems approved by chair of department in consultation with student's adviser and project director.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Individual Investigation

**Contact Hours:** 3-18 other

**Grade Mode:** Standard Letter-IP

**SPA 54110 SPEECH SCIENCE 3 Credit Hours**

Consideration of physiological and acoustic characteristics of normal speech production and perception with implications for speech and hearing disorders.

**Prerequisite:** SPA 34102 and 34106; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPA 54111 NEURAL PROCESSES IN SPEECH AND LANGUAGE 3 Credit Hours**

Anatomy and physiology of the nervous system underlying speech and language. Topics include: definition and fundamental concepts, afferent and efferent systems, cortical anatomy and function, cranial nerves, theories of brain function and neural maturation and learning.

**Prerequisite:** SPA 34103 or special approval of the instructor; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPA 54112 AGE-RELATED CHANGES IN COMMUNICATION 3 Credit Hours**

Nonpathological age-related changes in speech, language and voice. Topics include: structural changes in orofacial, laryngeal and respiratory mechanisms; sequelae for speech, language and voice in the elderly; effects of age on swallowing; facilitating conversational interactions with elderly individuals.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPA 54130 COMMUNICATION DISORDERS OF THE AGING 2 Credit Hours**

Hearing, speech and language disorders in geriatric population. Symptoms, causes and treatment: normal changes in hearing, language and speech accompanying aging process.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 2 lecture

**Grade Mode:** Standard Letter

**SPA 63691 SEMINAR IN AUDIOLOGY 3 Credit Hours**

(Repeatable for a maximum of 12 credit hours) Research, readings and discussion in any of these areas: aural rehabilitation, amplification, psychoacoustics, auditory physiology, medical audiology, hearing conservation.

**Prerequisite:** Graduate standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 other

**Grade Mode:** Standard Letter

**SPA 64091 SEMINAR IN COMMUNICATION DISORDERS 1-3 Credit Hours**

(Repeatable for a maximum of 9 credit hours) Special topics seminar for advanced students in speech-language pathology and audiology. Presentations and discussion of research projects are required.

**Prerequisite:** Graduate standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 other

**Grade Mode:** Standard Letter-S/U-IP

**SPA 64093 WORKSHOP IN COMMUNICATION DISORDERS 1-3 Credit Hours**

(Repeatable for credit) Variable topic workshop offered when need arises, either on or off campus to update training in a particular area of speech pathology.

**Prerequisite:** Graduate standing.

**Schedule Type:** Workshop

**Contact Hours:** 1-3 other

**Grade Mode:** Satisfactory/Unsatisfactory

**SPA 64096 INDIVIDUAL INVESTIGATION:SPEECH PATHOLOGY AND AUDIOLOGY 1-6 Credit Hours**

(Repeatable for a maximum of 12 credit hours) Independent study of topics to be selected in consultation with graduate faculty.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Individual Investigation

**Contact Hours:** 1-6 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**SPA 64098 RESEARCH 1-15 Credit Hours**

(Repeatable for credit) Research or individual investigation for master's level graduate students.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Research

**Contact Hours:** 1-15 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**SPA 64191 SEMINAR:NEUROGENIC COMMUNICATION DISORDERS 1-3 Credit Hours**

(Repeatable for a maximum of 9 credit hours) Reading and discussion seminar on swallowing disorders and the communication disorders relating to aphasia, apraxia, dysarthria, closed head injury, right brain damage and dementia.

**Prerequisite:** SPA 64301; and graduate standing.

**Schedule Type:** Seminar

**Contact Hours:** 1-3 other

**Grade Mode:** Standard Letter-S/U-IP

**SPA 64199 THESIS I 2-6 Credit Hours**

Thesis students must register for a total of 6 hours, 2 to 6 hours in a single semester distributed over several semesters if desired.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Masters Thesis

**Contact Hours:** 2-6 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**SPA 64291 SEMINAR:CHILD LANGUAGE 1-3 Credit Hours**

(Repeatable for a maximum of 9 credit hours) Topics are selected for class investigation from the areas of child language development or disorders.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Seminar

**Contact Hours:** 1-3 other

**Grade Mode:** Standard Letter-S/U-IP

**SPA 64299 THESIS II 2 Credit Hours**

Thesis students must continue registration each semester until all degree requirements are met.

**Prerequisite:** SPA 64199; and graduate standing; and special approval.

**Schedule Type:** Masters Thesis

**Contact Hours:** 2 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**SPA 64301 APHASIA 3 Credit Hours**

Neuroanatomy, etiologies, symptomatologies, evaluation procedures and treatment techniques relating to aphasia in adults.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPA 64302 LANGUAGE ASSESSMENT AND INTERVENTION IN EARLY CHILDHOOD 3 Credit Hours**

Methods of language assessment and intervention for infants, toddlers and preschoolers who are either at risk or diagnosed as presenting language delays or disabilities.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPA 64303 DISORDERS OF ARTICULATION AND PHONOLOGY 3 Credit Hours**

Diagnosis and remediation of children's articulation and phonological disorders.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPA 64304 ACQUIRED COGNITIVE COMMUNICATIVE IMPAIRMENTS 3 Credit Hours**

Cognitive functions and etiologies, symptomologies, evaluation and treatment methods related to adults with cognitive communicative disorders subsequent to right hemisphere damage, traumatic brain injury, dementia and related impairments.

**Prerequisite:** Speech language pathology major; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPA 64305 FLUENCY DISORDERS 3 Credit Hours**

Nature, theories and their derived therapeutic approaches to the treatment of fluency disorders.

**Prerequisite:** Speech language pathology major; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPA 64306 VOICE DISORDERS 2 Credit Hours**

Normal aspects of voice production, etiology and symptomatology of voice disorders, diagnostic procedures and management techniques.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 2 lecture

**Grade Mode:** Standard Letter

**SPA 64307 DYSARTHRIA 1 Credit Hour**

Neuro-anatomy, etiologies, symptomatologies, evaluation procedures and treatment techniques relating to dysarthria in adults.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 1 lecture

**Grade Mode:** Standard Letter

**SPA 64308 LANGUAGE ASSESSMENT AND INTERVENTION WITH SCHOOL-AGE POPULATIONS 3 Credit Hours**

Theoretical background knowledge and practical assessment and intervention techniques for school-age children who demonstrate language disorders.

**Prerequisite:** SPA 34107; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPA 64309 AUTISM SPECTRUM DISORDERS: THEORY AND DIAGNOSIS 3 Credit Hours**

(Cross-listed with SPA 74309 and SPED 64309) (Slashed with SPED 44309) Provides an overview of autism spectrum disorders (ASD). Examines the history, characteristics, and prevalence of ASD. The different theoretical models for understanding ASD are explored as they relate to assessment and intervention.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPA 64310 AUTISM SPECTRUM DISORDERS: LIFESPAN INTERVENTIONS 3 Credit Hours**

(Cross-listed with SPED 64310) (Slashed with SPA 74310) Provides students with a review of the significant aspects related to educational, social, vocational transitions for children, adolescents, and young adults with autism spectrum disorders (ASD). Students learn skills necessary to evaluate and develop programs designed to meet the changing and long term needs of individuals with ASD.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPA 64311 AUTISM SPECTRUM DISORDERS 2 Credit Hours**

Provides an overview of the social, communication, and language needs of those with autism spectrum disorder. Reviews contemporary assessment and intervention strategies. This course is designed to prepare preservice speech language pathologists with foundational information about autism spectrum disorders.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 2 lecture

**Grade Mode:** Standard Letter

**SPA 64312 MOTOR SPEECH DISORDERS IN CHILDREN AND ADULTS 3 Credit Hours**

(Slashed with SPA 74312) Anatomic and physiologic bases of congenital and acquired motor speech disorders. Etiology, symptomatology, evaluation and treatment techniques related to variety of motor speech disorders in children and adults.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPA 64354 PEDIATRIC MEDICAL ISSUES 2 Credit Hours**

Nature and rehabilitative procedures for speech-language pathology practice with pediatric medical issues, including dysphagia, maxillofacial anomalies, and resonance disorders.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 2 lecture

**Grade Mode:** Standard Letter

**SPA 64356 ADULT DYSPHAGIA 3 Credit Hours**

(Slashed with SPA 74356) Anatomy, etiologies, symptomatologies, evaluation procedures and treatment techniques relating to swallowing disorders in adults.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPA 64391 SEMINAR: SEMINAR: ARTICULATION AND PHONOLOGY 1-3 Credit Hours**

(Repeatable for a maximum of 9 credit hours) Critical review and application of systems and methods for assessment and remediation of articulation and phonological disorders.

**Prerequisite:** Graduate standing.

**Schedule Type:** Seminar

**Contact Hours:** 1-3 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**SPA 64491 SEMINAR: ORGANIC SPEECH DISORDERS 1-3 Credit Hours**

(Repeatable for credit) A revolving topics seminar on theoretical and/or clinical issues related to neurogenic/organic speech and/or language disorders.

**Prerequisite:** Graduate standing.

**Schedule Type:** Seminar

**Contact Hours:** 1-3 other

**Grade Mode:** Standard Letter-S/U-IP

**SPA 64492 CLINICAL PRACTICE IN SPEECH PATHOLOGY AND AUDIOLOGY 1-12 Credit Hours**

(Repeatable for credit) Supervised clinical practice with patients who have speech, hearing or language problems.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 1-12 other

**Grade Mode:** Standard Letter-IP

**SPA 64500 NORMAL LANGUAGE PROCESSES 3 Credit Hours**

Examines current theory and research specific to normal human development from birth to age 21. Significant neurological, cognitive, social, linguistic, emotional, literacy, and motor developmental changes are explored.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPA 64501 SOCIAL COMMUNICATION ASPECTS OF AUTISM SPECTRUM DISORDER 3 Credit Hours**

(Slashed with SPA 74501) Provides an understanding of the social, communication, and language needs of those with ASD from childhood through adulthood. Examines the cognitive, neurological, social, and environmental components influencing social, communicative functioning. Reviews contemporary assessment and intervention strategies. Explores use of assistive technology to enhance social communicative functioning in those with ASD.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPA 64504 ADVANCED SPEECH AND VOICE SCIENCE 3 Credit Hours**

Application of normal and disordered speech, swallowing, and voice production and perception; survey of literature; theories of production and perception.

**Prerequisite:** SPA 54110; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPA 64525 PUBLIC SCHOOL TECHNIQUES IN COMMUNICATION DISORDERS:INQUIRY INTO PROFESSIONAL PRACTICE 3 Credit Hours**

Inquiry into speech pathology and audiology as practiced in the school setting; emphasis on speech language pathologist or audiologist as disciplined investigator. Combination of themes including organizational procedures, therapy techniques, collaboration, ethics and research.

**Prerequisite:** Graduate standing; and special approval.

**Corequisite:** SPA 64528.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPA 64591 SEMINAR:FLUENCY DISORDERS 1-3 Credit Hours**

(Repeatable for a maximum 9 credit hours)Seminar dealing with the theoretical and applied aspects of fluency disorders in children and adults.

**Prerequisite:** Graduate standing.

**Schedule Type:** Seminar

**Contact Hours:** 1-3 other

**Grade Mode:** Standard Letter-S/U-IP

**SPA 64592 STUDENT TEACHING IN SPEECH-LANGUAGE PATHOLOGY AND AUDIOLOGY 8 Credit Hours**

Inquiry into speech pathology and audiology as practiced in the school setting; emphasis on speech language pathologist or audiologist as disciplined investigator. Combination of themes including organization, procedures, therapy techniques, collaboration, ethics and research. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned "school/agency" before the first day of the semester in which student teaching/ internship will take place. Training must be presented to the campus office of clinical experience or designated faculty/staff at college of applied and technical studies' campuses as prerequisite for student teaching; and special approval.

**Prerequisite:** Official valid certification of child safety training, approved basic life support and ALICE.

**Corequisite:** SPA 64525.

**Schedule Type:** Practical Experience

**Contact Hours:** 40 other

**Grade Mode:** Satisfactory/Unsatisfactory

**SPA 64600 RESEARCH METHODS IN SPEECH-LANGUAGE PATHOLOGY AND AUDIOLOGY 3 Credit Hours**

Methodologies for collecting, analyzing and interpreting data for clinical and research purposes in speech language pathology and audiology.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPA 64691 SEMINAR:VOICE DISORDERS 1-3 Credit Hours**

(Repeatable for a maximum of 9 credit hours) Current literature review and discussions dealing with varying topics ranging from normal aspects of phonation in various populations to disorders of voice and their diagnosis and treatment.

**Prerequisite:** SPA 6/74306; and graduate standing.

**Schedule Type:** Seminar

**Contact Hours:** 1-3 other

**Grade Mode:** Standard Letter-S/U-IP

**SPA 64791 SEMINAR:SPEECH SCIENCE 1-3 Credit Hours**

(Repeatable for a maximum of 9 credit hours)Consideration of selected topics related to physiological, anatomical and acoustic aspects of speech production and perception.

**Prerequisite:** SPA 4/54110 and SPA 6/74504; graduate standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 other

**Grade Mode:** Standard Letter-S/U-IP

**SPA 64891 SEMINAR:COMMUNICATION MODALITIES AND ASSISTIVE TECHNOLOGY 3 Credit Hours**

(Repeatable for credit) Nature, etiologies and correlates of speech/ language communication disorders and differences that may indicate a need for a multi-modal communication approach. Includes an emphasis on assistive technology for communication, language, learning and literacy.

**Prerequisite:** SPA 64500 and SPA 64302; and graduate standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 other

**Grade Mode:** Standard Letter

**SPA 64991 SEMINAR:CRITICAL TOPICS IN SPEECH LANGUAGE 1-3 Credit Hours**

(Repeatable for credit) Principles and methods of assessment and intervention for various topics in speech-language pathology from critical thinking and case-study framework.

**Prerequisite:** Speech pathology and audiology major only; and graduate standing; and instructor special approval.

**Schedule Type:** Seminar

**Contact Hours:** 1-3 other

**Grade Mode:** Standard Letter-S/U-IP

**SPA 65092 CLINICAL PRACTICUM I IN SPEECH LANGUAGE PATHOLOGY 2-3 Credit Hours**

(Slashed with SPA 75092) (Repeatable twice for credit) Supervised, introductory clinical experience in assessment and intervention with populations within the Scope of Practice of speech language pathology per the current practice policy of the American Speech Language Hearing Association. To facilitate clinical competency and accrual of required clinical clock hours per current ASHA standards, students are expected to enroll in Clinical Practicum each semester that they are not enrolled in Externship or Student Teaching. A grade of B or better in this course is required for permission to register in SPA 65192.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 8-12 other

**Grade Mode:** Standard Letter-IP

**SPA 65192 CLINICAL PRACTICUM II IN SPEECH AND LANGUAGE PATHOLOGY 2-3 Credit Hours**

(Slashed with SPA 75192) (Repeatable twice for credit) This course includes additional supervised, hands on clinical experience with clients in on campus clinics. Student clinicians are provided with opportunities to demonstrate increased independence in clinical decision making and performance. Practicum requirements may include attendance at a weekly Clinical Colloquium. A grade of B or better in this course is required for registration in SPA 65292.

**Prerequisite:** SPA 65092 with a minimum C grade; and graduate standing; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 8-12 other

**Grade Mode:** Standard Letter-IP

**SPA 65292 CLINICAL PRACTICUM III IN SPEECH LANGUAGE PATHOLOGY 2-3 Credit Hours**

(Slashed with SPA 75292) (Repeatable twice for credit) Includes additional supervised, hands on clinical experience with clients in on campus clinics and or off-campus, supervised clinical experience in sites such as schools or long term care facilities. Students clinicians are provided with opportunities to demonstrate levels of independence in clinical decision making and performance that reflect readiness for Externship or Student Teaching experiences. Practicum requirements may include attendance at a weekly Clinical Colloquium. A grade of B or better in this course is required for permission to register in the following courses: Clinical Practicum IV in Speech Language Pathology SPA 65392, Externship in Speech Language Pathology: Adult SPA 65492, Externship in Speech Language Pathology: Pediatric SPA 65592, Student Teaching in Speech Language Pathology SPA 64528.

**Prerequisite:** SPA 65192 with a minimum B grade; and graduate standing; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 8-12 other

**Grade Mode:** Standard Letter-IP

**SPA 65392 CLINICAL PRACTICUM IV IN SPEECH LANGUAGE PATHOLOGY 2-3 Credit Hours**

(Slashed with SPA 75392) (Repeatable twice for credit) This supervised, hands on clinical experience with clients in on campus clinics or off campus sites is for second year graduate students who are not yet scheduled for externship or student teaching. Students clinicians are provided with opportunities to demonstrate levels of independence in clinical decision making and performance that are reflective of readiness for externship or student teaching experiences. A grade of B or better in this course is required for permission to register in the following courses: Externship in speech language pathology: adult SPA 65492, externship in speech language pathology: pediatric SPA 65592, student teaching in speech language pathology SPA 64528.

**Prerequisite:** SPA 65292 with a minimum B grade; and graduate standing; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 8-12 other

**Grade Mode:** Standard Letter-IP

**SPA 65492 EXTERNSHIP IN SPEECH LANGUAGE PATHOLOGY: ADULT 4-8 Credit Hours**

(Slashed with SPA 75492) (Repeatable once for credit) Considered a culminating clinical experience. Includes supervised, hands-on clinical experience with patients in adult care settings such as hospitals, rehabilitation and long term care facilities.

**Prerequisite:** SPA 65292 or SPA 65392 with a minimum B grade; and graduate standing; and permission.

**Schedule Type:** Practical Experience

**Contact Hours:** 20-40 other

**Grade Mode:** Standard Letter-IP

**SPA 65592 EXTERNSHIP IN SPEECH LANGUAGE PATHOLOGY: PEDIATRIC 4-8 Credit Hours**

(Slashed with SPA 75592) (Repeatable once for credit) Considered a culminating clinical experience. Students may choose this course as an alternative to student teaching in speech-language pathology. Includes supervised, hands-on clinical experience with children and adolescents in pediatric care settings such as hospitals and other habilitation and rehabilitation facilities.

**Prerequisite:** SPA 65292 or SPA 65392 with a minimum B grade; and graduate standing; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 20-40 other

**Grade Mode:** Standard Letter-IP

**SPA 70192 GRADUATE AUDIOLOGIST I 3 Credit Hours**

Supervised clinical practicum in audiology which encompasses audiologic assessments and audiologic habilitation.

**Prerequisite:** SPA 70792; and doctoral standing.

**Schedule Type:** Practical Experience

**Contact Hours:** 9 other

**Grade Mode:** Standard Letter

**SPA 70292 GRADUATE AUDIOLOGIST II 3 Credit Hours**

Supervised clinical practicum in audiology requiring the independent performance of audiologic assessment procedures, audiologic rehabilitation and vestibular assessment and rehabilitation.

**Prerequisite:** SPA 70192; and doctoral standing; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 9 other

**Grade Mode:** Standard Letter



**SPA 70392 GRADUATE AUDIOLOGIST III 6 Credit Hours**

Supervised clinical practicum in audiology which encompasses the entire range of audiologic procedures including neurophysiological based procedures.

**Prerequisite:** Passing score of 600 or higher on the PRAXIS examination; and SPA 70292; and doctoral standing; and special approval.

**Corequisite:** SPA 70791.

**Schedule Type:** Practical Experience

**Contact Hours:** 18 other

**Grade Mode:** Standard Letter

**SPA 70492 GRADUATE AUDIOLOGIST IV 8 Credit Hours**

Full-time clinical practicum in audiology at an off-campus site. Students taking the course must have successfully completed the Praxis Examination.

**Prerequisite:** SPA 70392; and doctoral standing.

**Corequisite:** SPA 70791.

**Schedule Type:** Practical Experience

**Contact Hours:** 24 other

**Grade Mode:** Standard Letter

**SPA 70592 GRADUATE AUDIOLOGIST V 8 Credit Hours**

Full-time external audiology clinical placement with a licensed and appropriately credentialed preceptor who provides clinical teaching. This experience provides a capstone learning experience in the full scope of practice in the profession of audiology.

**Prerequisite:** SPA 70492; and doctoral standing; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 24 other

**Grade Mode:** Standard Letter

**SPA 70615 CENTRAL AUDITORY PROCESSING EVALUATION AND MANAGEMENT 2 Credit Hours**

Study of audiologic evaluation and (re)habilitation procedures for people central auditory processing disorders.

**Prerequisite:** SPA 70705 and SPA 70706; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 2 lecture

**Grade Mode:** Standard Letter

**SPA 70616 HEARING AID FITTING AND SELECTION ACROSS THE LIFESPAN 4 Credit Hours**

Examination of the theory and practice of fitting hearing aids across the lifespan. Emphasis on special clinical procedures, research needs and evolving technology in hearing instruments.

**Prerequisite:** Admission to the audiology major; and SPA 70713; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 4 lecture

**Grade Mode:** Standard Letter

**SPA 70618 IMPLANTABLE TECHNOLOGY 4 Credit Hours**

Study of implantable devices in children and adults including equipment, candidacy, programming, fitting, and troubleshooting.

**Prerequisite:** Admission to the audiology major; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 4 lecture

**Grade Mode:** Standard Letter

**SPA 70627 MULTICULTURAL ISSUES IN AUDIOLOGY 2 Credit Hours**

An introduction to varying cultures and the audiologist's roles and responsibilities in planning treatment with a member of these cultures.

**Prerequisite:** Admission to the audiology major; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 2 lecture

**Grade Mode:** Standard Letter

**SPA 70630 PRACTICE MANAGEMENT IN AUDIOLOGY 3 Credit Hours**

Study of issues which impact the management of audiological practices, including establishing a private practice, reimbursement, marketing, record keeping and professional liability.

**Prerequisite:** Admission to the audiology major; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPA 70691 SEMINAR IN AUDIOLOGY 2 Credit Hours**

(Repeatable for credit) Selected current topics in audiology with emphasis on review of current literature.

**Prerequisite:** Admission to the AUD program or special approval of the instructor; and doctoral standing.

**Schedule Type:** Seminar

**Contact Hours:** 2 other

**Grade Mode:** Standard Letter

**SPA 70692 INTERNSHIP IN AUDIOLOGY 2 Credit Hours**

(Repeatable for credit) Supervised practicum in audiology requiring the independent performance of basic audiologic procedures, including hearing aid management.

**Prerequisite:** SPA 70744; and doctoral standing; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 18 other

**Grade Mode:** Standard Letter

**SPA 70701 BASIC AND APPLIED PHYSICAL ACOUSTICS FOR AUDIOLOGY 4 Credit Hours**

Study of physical acoustics, basic electricity and electronics, as well as principles, methodology, calibration and maintenance of audiologic equipment.

**Prerequisite:** Admission to the AUD program or special approval of instructor; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 4 lecture

**Grade Mode:** Standard Letter

**SPA 70702 ANATOMY AND PHYSIOLOGY OF PERIPHERAL AUDITORY AND VESTIBULAR SYSTEMS 4 Credit Hours**

A study of the anatomy, biophysics and physiology of the auditory and vestibular systems.

**Prerequisite:** Admission to the Audiology program; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 4 lecture

**Grade Mode:** Standard Letter

**SPA 70703 SPEECH ACOUSTICS AND SPEECH PERCEPTION 2 Credit Hours**

Study of the nomenclature, acoustics, measurement, and perception of speech sounds and their impact and interpretation in audiology.

**Prerequisite:** Admission to the audiology program; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 2 lecture

**Grade Mode:** Standard Letter

**SPA 70704 CRITICAL ANALYSIS OF RESEARCH IN AUDIOLOGY 2 Credit Hours**

General introduction to the research process with an emphasis on acquiring a reading knowledge of research and an ability to evaluate research.

**Prerequisite:** Admission to the AUD program; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 2 lecture

**Grade Mode:** Standard Letter

**SPA 70705 AUDITORY DISORDERS 2 Credit Hours**

Study of conditions/diseases that can affect the auditory system.

**Prerequisite:** Admission to the AUD program; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 2 lecture

**Grade Mode:** Standard Letter

**SPA 70706 ANATOMY AND PHYSIOLOGY UNDERLYING NEURO-OTOLOGY 4 Credit Hours**

An in-depth study of the anatomy and physiology of the central auditory and vestibular nervous system (includes 1 hour lab.)

**Prerequisite:** SPA 70702; and doctoral standing.

**Schedule Type:** Combined Lecture and Lab

**Contact Hours:** 4 other

**Grade Mode:** Standard Letter

**SPA 70707 PSYCHOACOUSTICS 3 Credit Hours**

Study of the principles, procedures and research of psychoacoustics; the relationships between the physical dimensions of auditory stimuli and the resultant perceptual experience with normal and impaired hearing.

**Prerequisite:** Admission to the AUD program; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPA 70708 CRITICAL ANALYSIS OF RESEARCH 2 Credit Hours**

Development of a reading knowledge of research and the ability to evaluate the quality of research studies.

**Prerequisite:** SPA 70704; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 2 lecture

**Grade Mode:** Standard Letter

**SPA 70709 AUDIOLOGIC ASSESSMENT 3 Credit Hours**

Theoretical basis for tests underlying basic audiologic assessments.

**Prerequisite:** Admission to the AUD program; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPA 70710 INDUSTRY AND COMMUNITY NOISE 3 Credit Hours**

Theoretical principles of noise measurement; etiology of noise-induced hearing loss and acoustic trauma; industrial hearing conservation programs; occupational safety and health act; community and recreational noise evaluation and management.

**Prerequisite:** Admission to the AUD program; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPA 70711 SPEECH-LANGUAGE PATHOLOGY FOR THE AUDIOLOGIST 3 Credit Hours**

Examination of normal and abnormal aspects of speech and language including their impact on auditory function and testing.

**Prerequisite:** Admission to the AUD program; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPA 70712 DIAGNOSIS OF AUDITORY DISORDERS 3 Credit Hours**

Underlying theory and principles of administration and interpretation of site-of-lesion tests.

**Prerequisite:** SPA 70709; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPA 70713 HEARING AID TECHNOLOGY 4 Credit Hours**

Study of amplification systems for the hearing impaired.

**Prerequisite:** SPA 70701; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 4 lecture

**Grade Mode:** Standard Letter

**SPA 70714 GERONTOLOGICAL ISSUES IN AUDIOLOGY 3 Credit Hours**

Physiological, psychological and sociological theories of aging with a focus on the etiology, symptomatology, assessment and rehabilitation of older adults with hearing impairments.

**Prerequisite:** Admission to the AUD program; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPA 70715 CENTRAL AUDITORY PROCESSING: EVALUATION AND MANAGEMENT 3 Credit Hours**

Study of audiologic evaluation and habilitation/rehabilitation procedures for people having central auditory disabilities.

**Prerequisite:** SPA 70705 and SPA 70706; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPA 70716 ADULT HEARING-AID FITTING AND SELECTION 3 Credit Hours**

Examination of the theory and practice of fitting hearing aids. Emphasis on special clinical procedures research needs and evolving technology in hearing instruments. Includes a one hour lab.

**Prerequisite:** SPA 70713; and doctoral standing.

**Schedule Type:** Combined Lecture and Lab

**Contact Hours:** 3 other

**Grade Mode:** Standard Letter

**SPA 70717 PEDIATRIC AUDIOLOGY 3 Credit Hours**

Study of audiologic diagnostic and auditory habilitative protocols for the birth to 3 population. Both assessment and management strategies will be emphasized.

**Prerequisite:** SPA 70709; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPA 70718 COCHLEAR IMPLANTS 2 Credit Hours**

Study of cochlear implants in children and adults including equipment, candidacy, mapping and overview of (re)habilitation.

**Prerequisite:** Admission to the AUD program; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 2 lecture

**Grade Mode:** Standard Letter

**SPA 70719 COUNSELING IN AUDIOLOGY 3 Credit Hours**

Focus on interviewing, counseling and interacting with individuals with hearing impairments their families and significant others.

**Prerequisite:** Admission to the AUD program; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPA 70720 PEDIATRIC AMPLIFICATIONS 3 Credit Hours**

The focus of study is on amplification systems and fitting techniques for the pediatric population.

**Prerequisite:** SPA 70713 and SPA 70716 and SPA 70717; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPA 70721 EVALUATION AND MANAGEMENT OF BALANCE DISORDERS 3 Credit Hours**

Study of the balance mechanism; differential diagnostic assessment of balance disorders including electronystagmography, posturography and rotational testing; rehabilitation of the balance disordered patient (1 hour lab included.)

**Prerequisite:** Admission to the AUD program or special approval of instructor; and doctoral standing.

**Schedule Type:** Combined Lecture and Lab

**Contact Hours:** 3 other

**Grade Mode:** Standard Letter

**SPA 70722 AUDIOLOGIC MANAGEMENT OF THE SCHOOL-AGE CHILD 3 Credit Hours**

Focus on educational audiology. Features delivery of audiologic services designed to access the school environment for children ages 4-21.

**Prerequisite:** SPA 70717; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPA 70723 AUDIOLOGIC TREATMENT OF ADULTS 3 Credit Hours**

Study of current methodologies employed in the audiologic rehabilitation of adults with hearing impairments. Implementation of remedial strategies is emphasized.

**Prerequisite:** SPA 70716 or doctoral standing; and special approval of instructor.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPA 70724 HISTORY OF AUDIOLOGY 1 Credit Hour**

An examination of the history of deafness/hearing impairment and the profession of audiology.

**Prerequisite:** Admission to the AUD program; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 1 lecture

**Grade Mode:** Standard Letter

**SPA 70725 MEDICAL MANAGEMENT OF AUDITORY DISORDERS 2 Credit Hours**

A study of the multidisciplinary approach to medical/surgical management of patients with auditory and vestibular disorders.

**Prerequisite:** SPA 70712; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 2 lecture

**Grade Mode:** Standard Letter

**SPA 70726 ELECTROPHYSIOLOGICAL TECHNIQUES IN AUDIOLOGY 3 Credit Hours**

Study of evoked responses used in diagnostic audiology, including ABR, MLR, ECHOCHG, ENOG, ALR, P300, VER, and SSER.

**Prerequisite:** SPA 70706; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPA 70727 CULTURAL ISSUES IN DEAFNESS 2 Credit Hours**

An introduction to deaf culture and the audiologist's roles and responsibilities in planning treatment with a member of the deaf community.

**Prerequisite:** Admission to the AUD program; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 2 lecture

**Grade Mode:** Standard Letter

**SPA 70730 PRACTICE MANAGEMENT IN AUDIOLOGY 4 Credit Hours**

Study of issues which impact the management of audiological practices, including establishing a private practice, reimbursement, marketing, record keeping and professional liability.

**Prerequisite:** Admission to the AUD program; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 4 lecture

**Grade Mode:** Standard Letter

**SPA 70732 AUDIOLOGIC TREATMENT ACROSS THE LIFESPAN 4 Credit Hours**

Study of current methodologies employed in the audiologic treatment of people with hearing loss across the lifespan. Implementation of remedial strategies is emphasized.

**Prerequisite:** Admission to the audiology major; and SPA 70616; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 4 lecture

**Grade Mode:** Standard Letter

**SPA 70733 ADVANCED ELECTROPHYSIOLOGIC AND VESTIBULAR MEASURES 4 Credit Hours**

Advanced considerations in balance function assessment and management and in the study of evoked responses used in diagnostic audiology.

**Prerequisite:** Admission into the audiology program; and SPA 70726 and SPA 70721; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 4 lecture

**Grade Mode:** Standard Letter

**SPA 70734 PRINCIPLES IN PRECEPTING 1 Credit Hour**

Examination of the concepts and practices essential to the preceptor role. Emphasis on professional standards, adult learning theories, communication styles, ethical principles, and the multiple roles of a preceptor (educator, role model, mentor, facilitator and evaluator).  
**Prerequisite:** Admission into the audiology major; and SPA 70748; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 1 lecture

**Grade Mode:** Standard Letter

**SPA 70741 DIRECTED OBSERVATION IN AUDIOLOGY I 1 Credit Hour**

Introduction to clinical practicum in audiology. Directed observation of clinical practice including audiologic diagnosis and audiologic rehabilitation are required.

**Prerequisite:** Admission to the AUD program or special approval of the instructor; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 1 lecture

**Grade Mode:** Standard Letter

**SPA 70742 DIRECTED OBSERVATION IN AUDIOLOGY II 1 Credit Hour**

Introduction to clinical practicum in audiology. Directed observation of clinical practice including audiologic diagnosis and audiologic rehabilitation are required.

**Prerequisite:** Admission to the AUD program; and doctoral standing; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 1 other

**Grade Mode:** Standard Letter

**SPA 70753 LABORATORY FOR ELECTROPHYSIOLOGICAL TECHNIQUES IN AUDIOLOGY 1 Credit Hour**

Laboratory exercises for the assessment of auditory disorders including electrocochleography, the auditory brainstem response and auditory steady state responses.

**Prerequisite:** Audiology major; and doctoral standing.

**Corequisite:** SPA 70726.

**Schedule Type:** Laboratory

**Contact Hours:** 3 lab

**Grade Mode:** Standard Letter

**SPA 70754 LABORATORY FOR EVALUATION AND MANAGEMENT OF BALANCE DISORDERS 1 Credit Hour**

Laboratory exercises for the assessment of balance disorders including videonystagmography, posturography and informal evaluations; approaches for the rehabilitation and treatment of the balance disordered patient.

**Prerequisite:** Audiology major; and doctoral standing.

**Corequisite:** SPA 70721.

**Schedule Type:** Laboratory

**Contact Hours:** 3 lab

**Grade Mode:** Standard Letter

**SPA 70755 LABORATORY FOR ADVANCED ELECTROPHYSIOLOGIC AND VESTIBULAR MEASURES 1 Credit Hour**

Laboratory exercises for the assessment, management and treatment of auditory and vestibular disorders including early, middle and late auditory evoked potentials and advanced vestibular measures.

**Prerequisite:** Audiology major; and doctoral standing.

**Corequisite:** SPA 70733.

**Schedule Type:** Laboratory

**Contact Hours:** 3 lab

**Grade Mode:** Standard Letter

**SPA 70791 FOURTH YEAR SEMINAR 1 Credit Hour**

(Repeatable for credit) In-depth consideration of topics/issues in the practice of audiology with emphasis upon issues related to clinical rotation.

**Prerequisite:** Doctoral standing; and special approval.

**Corequisite:** SPA 70750 or SPA 70751.

**Schedule Type:** Seminar

**Contact Hours:** 1 other

**Grade Mode:** Standard Letter

**SPA 70792 INTERNSHIP IN AUDIOLOGY 2 Credit Hours**

(Repeatable for credit) Supervised clinical practicum in audiology requiring the independent performance of diagnostic, hearing aids and audiologic rehabilitation procedures. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned "school/agency" before the first day of the semester in which student teaching/internship will take place.

**Prerequisite:** SPA 70692; and doctoral standing.

**Schedule Type:** Practical Experience

**Contact Hours:** 18 other

**Grade Mode:** Standard Letter

**SPA 70798 RESEARCH PROJECT IN AUDIOLOGY 3 Credit Hours**

(Repeatable for credit) Completion of a doctoral research project including data collection, analysis write-up and oral presentation.

**Prerequisite:** Admission to the AUD program; and doctoral standing.

**Schedule Type:** Research

**Contact Hours:** 3 other

**Grade Mode:** Standard Letter-IP

**SPA 70892 INTERNSHIP III 2 Credit Hours**

Clinical practicum in audiology during which students perform discrete tasks under supervision.

**Prerequisite:** Admission to the audiology major; and doctoral standing; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 18 other

**Grade Mode:** Standard Letter

**SPA 70992 INTERNSHIP IV 2 Credit Hours**

Clinical practicum in audiology during which students perform discrete tasks under supervision.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 18 other

**Grade Mode:** Standard Letter

**SPA 73691 SEMINAR IN AUDIOLOGY 3 Credit Hours**

(Repeatable for a maximum of 12 credit hours) Research, readings and discussion in any of these areas: aural rehabilitation, amplification, psychoacoustics, auditory physiology, medical audiology, hearing conservation.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 other

**Grade Mode:** Standard Letter

**SPA 74089 VARIABLE TOPIC INTERNATIONAL EXPERIENCE IN SPEECH PATHOLOGY AND AUDIOLOGY 1-4 Credit Hours**

(Repeatable for credit) (Slashed with SPA 44089 and SPA 54089) A faculty-led study abroad experience that integrates traditional classroom learning with experiential activities and site visits outside the United States. International experience courses may have pre- and post-travel classroom study. Course activities may include, but are not limited to, classroom study, research, field work, internships and service learning.

**Prerequisite:** Doctoral standing.

**Schedule Type:** International Experience

**Contact Hours:** 1-4 other

**Grade Mode:** Standard Letter-IP

**SPA 74093 WORKSHOP IN COMMUNICATION DISORDERS 1-3 Credit Hours**

(Repeatable for credit) Variable topic workshop offered when need arises, either on or off campus to update training in a particular area of speech pathology.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Workshop

**Contact Hours:** 1-3 other

**Grade Mode:** Satisfactory/Unsatisfactory

**SPA 74191 SEMINAR:NEUROGENIC COMMUNICATION DISORDERS 1-3 Credit Hours**

(Repeatable for a maximum of 9 credit hours) Reading and discussion seminar on swallowing disorders and the communication disorders relating to aphasia, apraxia, dysarthria, closed head injury, right brain damage and dementia.

**Prerequisite:** SPA 64301; and doctoral standing.

**Schedule Type:** Seminar

**Contact Hours:** 1-3 other

**Grade Mode:** Standard Letter-S/U-IP

**SPA 74291 SEMINAR:CHILD LANGUAGE 1-3 Credit Hours**

(Repeatable for a maximum of 9 credit hours) Topics are selected for class investigation from the areas of child language, development or disorders.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Seminar

**Contact Hours:** 1-3 other

**Grade Mode:** Standard Letter-S/U-IP

**SPA 74301 APHASIA 3 Credit Hours**

Neuroanatomy, etiologies, symptomatologies, evaluation procedures and treatment techniques relating to aphasia in adults.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPA 74302 LANGUAGE ASSESSMENT AND INTERVENTION IN EARLY CHILDHOOD 3 Credit Hours**

Methods of language assessment and intervention for infants, toddlers and preschoolers who are either at risk or diagnosed as presenting language delays or disabilities.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPA 74303 DISORDERS OF ARTICULATION AND PHONOLOGY 3 Credit Hours**

Diagnosis and remediation of children's articulation and phonological disorders.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPA 74304 ACQUIRED COGNITIVE COMMUNICATIVE IMPAIRMENTS 3 Credit Hours**

Cognitive functions and etiologies, symptomologies, evaluation and treatment methods related to adults with cognitive communicative disorders subsequent to right hemisphere damage, traumatic brain injury, dementia and related impairments.

**Prerequisite:** Speech language pathology major; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPA 74305 FLUENCY DISORDERS 3 Credit Hours**

Nature, theories and their derived approaches to the assessment and treatment of fluency disorders.

**Prerequisite:** Speech language pathology major; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPA 74306 VOICE DISORDERS 2 Credit Hours**

Normal aspects of voice production, etiology and symptomatology of voice disorders, diagnostic procedures and management techniques.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 2 lecture

**Grade Mode:** Standard Letter

**SPA 74307 DYSARTHRIA 1 Credit Hour**

Neuro-anatomy, etiologies, symptomatologies, evaluation procedures and treatment techniques relating to dysarthria in adults.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 1 lecture

**Grade Mode:** Standard Letter

**SPA 74308 LANGUAGE ASSESSMENT AND INTERVENTION WITH SCHOOL-AGE POPULATIONS 3 Credit Hours**

Theoretical background knowledge and practical assessment and intervention techniques for school-age children who demonstrate language disorders.

**Prerequisite:** SPA 34107; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPA 74309 AUTISM SPECTRUM DISORDERS: THEORY AND DIAGNOSIS 3 Credit Hours**

(Cross-listed with SPED 44309 and SPED 64309) (Slashed with SPA 64309) Provides an overview of Autism Spectrum Disorders (ASD). Examines the history, characteristics, and prevalence of ASD. Assessment and intervention models are explored as they relate to various theoretical models for understanding ASD.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPA 74310 AUTISM SPECTRUM DISORDERS: LIFESPAN INTERVENTIONS 3 Credit Hours**

(Cross-listed with SPA 64310) (Slashed with SPED 64310) Provides students with a review of the significant aspects related to educational, social, vocational transitions for children, adolescents, and young adults with autism spectrum disorders (ASD). Students learn skills necessary to evaluate and develop programs designed to meet the changing and long term needs of individuals with ASD.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPA 74312 MOTOR SPEECH DISORDERS IN CHILDREN AND ADULTS 3 Credit Hours**

(Slashed with SPA 64312) Anatomic and physiologic bases of congenital and acquired motor speech disorders. Etiology, symptomatology, evaluation and treatment techniques related to variety of motor speech disorders in children and adults.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPA 74354 PEDIATRIC MEDICAL ISSUES 2 Credit Hours**

Nature and rehabilitative procedures for speech-language pathology practice with pediatric medical issues, including dysphagia and maxillofacial anomalies and resonance disorders.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 2 lecture

**Grade Mode:** Standard Letter

**SPA 74356 ADULT DYSPHAGIA 3 Credit Hours**

Anatomy, etiologies, symptomatology, evaluation procedures and treatment techniques relating to swallowing disorders in adults.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPA 74391 SEMINAR:ARTICULATION AND PHONOLOGY 1-3 Credit Hours**

(Repeatable for a maximum of 9 credit hours)Critical review and application of systems and methods for assessment and remediation of articulation and phonological disorders.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Seminar

**Contact Hours:** 1-3 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**SPA 74491 SEMINAR:ORGANIC SPEECH DISORDERS 1-3 Credit Hours**

(Repeatable for credit)A revolving topics seminar on theoretical and/or clinical issues related to neurogenic/organic speech and/or language disorders.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Seminar

**Contact Hours:** 1-3 other

**Grade Mode:** Standard Letter-S/U-IP

**SPA 74492 CLINICAL PRACTICE IN SPEECH PATHOLOGY AND AUDIOLOGY 1-12 Credit Hours**

(Repeatable for credit) Supervised clinical practice with patients who have speech, hearing or language problems.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 1-12 other

**Grade Mode:** Standard Letter-IP

**SPA 74500 NORMAL LANGUAGE PROCESSES 3 Credit Hours**

Examines current theory and research specific to normal human development from birth to age 21. Significant neurological, cognitive, social, linguistic, emotional, literacy, and motor developmental changes are explored..

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPA 74501 SOCIAL COMMUNICATION ASPECTS OF AUTISM SPECTRUM DISORDER 3 Credit Hours**

Provides an understanding of the social, communication, and language needs of those with ASD from childhood through adulthood. Examines the cognitive, neurological, social, and environmental components influencing social, communicative functioning. Reviews contemporary assessment and intervention strategies. Explores use of assistive technology to enhance social communicative functioning in those with ASD.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPA 74504 ADVANCED SPEECH AND VOICE SCIENCE 3 Credit Hours**

Application of normal and disordered speech, swallowing, and voice production and perception; survey of literature; theories of production and perception.

**Prerequisite:** SPA 4/54110; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPA 74591 SEMINAR:FLUENCY DISORDERS 1-3 Credit Hours**

(Repeatable for a maximum of 9 credit hours)Seminar dealing with the theoretical and applied aspects of fluency disorders in children and adults.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Seminar

**Contact Hours:** 1-3 other

**Grade Mode:** Standard Letter-S/U-IP

**SPA 74592 CLERKSHIP I 1 Credit Hour**

Introduction to clinical practicum in audiology. Directed observation of clinical practice including audiologic diagnosis and audiologic rehabilitation are required.

**Prerequisite:** Admission to the audiology major; and doctoral standing; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 18 other

**Grade Mode:** Satisfactory/Unsatisfactory

**SPA 74600 RESEARCH METHODS IN SPEECH-LANGUAGE PATHOLOGY**  
**3 Credit Hours**

Methodologies for collecting, analyzing and interpreting data for clinical and research purposes in speech language pathology and audiology.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPA 74691 SEMINAR:VOICE DISORDERS 1-3 Credit Hours**

(Repeatable for a maximum of 9 credit hours) Current literature review and discussions dealing with varying topics ranging from normal aspects of phonation in various populations to disorders of voice and their diagnosis and treatment.

**Prerequisite:** SPA 6/74306; and doctoral standing.

**Schedule Type:** Seminar

**Contact Hours:** 1-3 other

**Grade Mode:** Standard Letter-S/U-IP

**SPA 74692 CLERKSHIP II 1 Credit Hour**

Introduction to clinical practicum in audiology. Directed observation of clinical practice including audiologic diagnosis and audiologic rehabilitation are required.

**Prerequisite:** Admission to the audiology major; and doctoral standing; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 1 other

**Grade Mode:** Satisfactory/Unsatisfactory

**SPA 74791 SEMINAR:SPEECH SCIENCE 1-3 Credit Hours**

(Repeatable for a maximum of 9 credit hours) Consideration of selected topics related to physiological, anatomical and acoustic aspects of speech production and perception.

**Prerequisite:** SPA 4/54110 or SPA 6/74504; and doctoral standing.

**Schedule Type:** Seminar

**Contact Hours:** 1-3 other

**Grade Mode:** Standard Letter-S/U-IP

**SPA 74891 SEMINAR:COMMUNICATION MODALITIES AND ASSISTIVE TECHNOLOGY 3 Credit Hours**

(Repeatable for credit) Nature, etiologies and correlates of speech language communication disorders and differences that may indicate a need for a multi-modal communication approach. Includes an emphasis on assistive technology for communication language, learning and literacy.

**Prerequisite:** Speech language pathology major; and doctoral standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 other

**Grade Mode:** Standard Letter

**SPA 74991 SEMINAR:CRITICAL TOPICS IN SPEECH LANGUAGE PATHOLOGY 1-3 Credit Hours**

(Repeatable for credit) Principles and methods of assessment and intervention for various topics in speech-language pathology from critical thinking and case-study framework.

**Prerequisite:** Speech pathology and audiology major; and doctoral standing.

**Schedule Type:** Seminar

**Contact Hours:** 1-3 other

**Grade Mode:** Standard Letter-S/U-IP

**SPA 75092 CLINICAL PRACTICUM I IN SPEECH LANGUAGE PATHOLOGY 2-3 Credit Hours**

(Slashed with SPA 65092) (Repeatable twice for credit) Supervised, introductory clinical experience in assessment and intervention with populations within the scope of practice of speech language pathology per the current practice policy of the American Speech Language Hearing Association. To facilitate clinical competency and accrual of required clinical clock hours per current ASHA standards, students are expected to enroll in clinical practicum each semester that they are not enrolled in externship or student teaching. A grade of B or better in this course is required for permission to register in CLIN PR II SPE LANG PATH-SPA 65192.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 8-12 other

**Grade Mode:** Standard Letter-IP

**SPA 75192 CLINICAL PRACTICUM II IN SPEECH LANGUAGE PATHOLOGY 2-3 Credit Hours**

(Slashed with SPA 65192) (Repeatable twice for credit) This course includes additional supervised hands on clinical experience with clients in on campus clinics. Student clinicians are provided with opportunities to demonstrate increased independence in clinical decision making and performance. Practicum requirements may include attendance at a weekly Clinical Colloquium. A grade of B or better in this course is required for permission to enroll in Clinical Practicum III in Speech Language Pathology SPA 75292.

**Prerequisite:** SPA 75092 with a minimum B grade; and doctoral standing; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 8-12 other

**Grade Mode:** Standard Letter-IP

**SPA 75292 CLINICAL PRACTICUM III IN SPEECH LANGUAGE PATHOLOGY 2-3 Credit Hours**

(Slashed with SPA 65292) (Repeatable twice for credit) Includes additional supervised, hands-on clinical experience with clients in on campus clinics and or off campus, supervised clinical experience in sites such as schools or long-term care facilities. Students clinicians are provided with opportunities to demonstrate levels of independence in clinical decision-making and performance that reflect readiness for externship or student teaching experiences. Practicum requirements may include attendance at a weekly clinical colloquium. A grade of B or better in this course is required for permission to register in the following courses: clinical practicum IV in speech language pathology SPA 75392, externship in speech language pathology: adult SPA 75492, externship in speech language pathology: pediatric SPA 75592, student teaching in speech language pathology SPA 64528.

**Prerequisite:** SPA 75192 with a minimum B grade; and doctoral standing; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 8-12 other

**Grade Mode:** Standard Letter-IP

**SPA 75392 CLINICAL PRACTICUM IV IN SPEECH LANGUAGE PATHOLOGY 2-3 Credit Hours**

(Repeatable for credit) This supervised, hands on clinical experience with clients in on campus clinics or off campus sites is for second year graduate students who are not yet scheduled for externship or student teaching. Students clinicians are provided with opportunities to demonstrate levels of independence in clinical decision making and performance that are reflective of readiness for externship or student teaching experiences. A grade of B or better in this course is required for permission to register in the following courses: externship in speech language pathology: adult SPA 75492, externship in speech language pathology: pediatric SPA 75592, student teaching in speech language pathology SPA 64528.

**Prerequisite:** SPA 75292 with a minimum B grade; and doctoral standing; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 8-12 other

**Grade Mode:** Standard Letter-IP

**SPA 75492 EXTERNSHIP IN SPEECH LANGUAGE PATHOLOGY: ADULT 4-8 Credit Hours**

(Cross-listed with SPA 65492) (Repeatable once for credit) Considered a culminating clinical experience. Includes supervised, hands on clinical experience with patients in adult care settings such as hospitals, rehabilitation and long term care facilities.

**Prerequisite:** SPA 75292 or SPA 75392 with a minimum B grade; and doctoral standing; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 20-40 other

**Grade Mode:** Standard Letter-IP

**SPA 75592 EXTERNSHIP IN SPEECH LANGUAGE PATHOLOGY: PEDIATRIC 4-8 Credit Hours**

(Slashed with SPA 65592) (Repeatable once for credit) Considered a culminating clinical experience. Students may choose this course as an alternative to Student Teaching in Speech Language Pathology. Includes supervised, hands on clinical experience with children and adolescents in pediatric care settings such as hospitals and other habilitation and rehabilitation facilities.

**Prerequisite:** SPA 75292 or SPA 75392 with a minimum B grade; and doctoral standing; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 20-40 other

**Grade Mode:** Standard Letter-IP

**SPA 75792 INTERNSHIP I 1 Credit Hour**

Clinical practicum in audiology during which students perform discrete tasks under supervision.

**Prerequisite:** Admission to the audiology major; and doctoral standing; and special approval.

**Corequisite:** SPA 70709.

**Schedule Type:** Practical Experience

**Contact Hours:** 18 other

**Grade Mode:** Standard Letter

**SPA 76792 INTERNSHIP II 1 Credit Hour**

Supervised clinical practicum in audiology during which students will perform discrete clinical tasks while under supervision.

**Prerequisite:** Admission to the audiology major; and SPA 75792; and doctoral standing and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 18 other

**Grade Mode:** Standard Letter

**SPA 84091 SEMINAR IN COMMUNICATION DISORDERS 2 Credit Hours**

(Repeatable for a maximum 9 credit hours) Special topics seminar for advanced students in speech-language pathology and audiology. Presentations and discussion of research projects are required.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Seminar

**Contact Hours:** 2 other

**Grade Mode:** Standard Letter

**SPA 84096 INDIVIDUAL INVESTIGATION-SPEECH PATHOLOGY AND AUDIOLOGY 1-6 Credit Hours**

(Repeatable for a maximum of 12 credit hours) Independent study of topics to be selected in consultation with graduate faculty.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Individual Investigation

**Contact Hours:** 1-6 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**SPA 84098 RESEARCH 1-15 Credit Hours**

(Repeatable for credit) Research opportunities for doctoral students who have not yet passed their candidacy examination.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Research

**Contact Hours:** 1-15 other

**Grade Mode:** Standard Letter-S/U-IP

**SPA 84199 DISSERTATION I 15 Credit Hours**

(Repeatable for credit) Doctoral dissertation for which registration in at least two semesters is required, first of which will be semester in which dissertation work is begun and continuing until the completion of 30 hours.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Dissertation

**Contact Hours:** 15 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**SPA 84299 DISSERTATION II 15 Credit Hours**

(Repeatable for credit) Continuing registration required of doctoral students who have completed the initial 30 hours of dissertation and continuing until all degree requirements are met.

**Prerequisite:** SPA 84199; and doctoral standing; and special approval.

**Schedule Type:** Dissertation

**Contact Hours:** 15 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

## School of Lifespan Development and Educational Sciences

### American Sign Language/English Interpreting (ASEI)

**ASEI 30095 SPECIAL TOPICS IN AMERICAN SIGN LANGUAGE/ ENGLISH INTERPRETING 1-4 Credit Hours**

(Repeatable for credit) Special topics courses to be offered on as-needed basis when the content cannot be covered in the traditional curriculum.

**Prerequisite:** ASL 29201 and ASEI 43102; and special approval.

**Schedule Type:** Lecture

**Contact Hours:** 1-4 lecture

**Grade Mode:** Standard Letter



**ASEI 40092 ADVANCED PRACTICUM: AMERICAN SIGN LANGUAGE/ ENGLISH INTERPRETING-COMMUNITY SETTING INTERPRETING (ELR) 9 Credit Hours**

(Repeatable for credit) This course is required for students who do not wish to apply for K-12 Licensure to interpret in Ohio Schools. Field-based practicum experience provides pre-service interpreters with an opportunity to learn from currently practicing master community interpreters. Advanced practicum includes a minimum of 405 total hours during a 15- week placement. University supervisor and teacher mentor observe and assess student's skill. Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks may be required based on community placement. Official valid certification of Child Safety Training, approved Basic Life Support, and A.L.I.C.E. Training must be presented to the campus office of clinical experience or designated faculty-staff at Regional campuses before registering for this course. A 3.000 major GPA is required for registration.

**Prerequisite:** Minimum B- grade in ASEI 43104; and minimum C grades in ASEI 43112 and ASL 49108; and ASL/English Interpreting major; and admission to professional phase; and 2.750 overall GPA; and passing score on the SLPI (Intermediate) or ASLPI (Level 2); and special approval.  
**Corequisite:** ASEI 49625.

**Schedule Type:** Practical Experience

**Contact Hours:** 27 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**Attributes:** Experiential Learning Requirement

**ASEI 43092 DEAF CULTURE IMMERSION EXPERIENCE (ELR) 1 Credit Hour**

(Repeatable for credit) Intensive week-long practicum at a school for the deaf or camp where students interact with deaf children and/or adults. Conduct, interaction, sign language skills, maturity, responsibility, and performance are evaluated by staff at the school or camp administrators.

**Prerequisite:** ASL/English interpreting major.

**Pre/corequisite:** Minimum grade of C in ASL 39201.

**Schedule Type:** Practical Experience

**Contact Hours:** 8.33 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**Attributes:** Experiential Learning Requirement

**ASEI 43100 SURVEY OF THE INTERPRETING PROFESSION 3 Credit Hours**

(Slashed with ASEI 53100) Introduction to the field of ASL-English interpreting. The following will be discussed: the history of the interpreting profession; the varied roles and responsibilities of interpreters; issues and concerns facing interpreters; legal mandates and constraints governing the provision of interpreters; diversity issues; ethical guidelines and their application to educational environments. Since interpreters are expected to be fluent in both English and ASL, this course will strive to enhance students' facility with both languages.

**Prerequisite:** Minimum C grade in ASL 19202.

**Pre/corequisite:** Minimum C grade in ASL 29201.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ASEI 43102 INTERPRETING PROCESSES I 3 Credit Hours**

(Slashed with ASEI 53102) Beginning level interpreting course that examines the models of interpreting and their application to practice. Consecutive and simultaneous interpreting strategies are used to develop processing skills for both English to ASL and ASL to English interpretations. Samples of narrative genre are the texts used for interpretations as students examine the linguistic and cultural differences between ASL and English narratives. There will be 30 clinical application hours that students will need to accrue in this course.

**Prerequisite:** Minimum C grade in ASL 29201; and minimum B- grade in ASEI 43100; and ASL English Interpreting major.

**Pre/corequisite:** Minimum grade of C in ASL 29202.

**Corequisite:** ASL 39401 and ASEI 43113.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ASEI 43103 INTERPRETING PROCESSES II 3 Credit Hours**

(Slashed with ASEI 53103) Intermediate level interpreting course that challenges students to interpret the more complex genres including expository, procedural, and argumentative texts. Students will study and apply contextualization strategies. Discourse that is common to both the adult deaf community and educational settings will be interpreted and transliterated. There will be 45 clinical application hours that students will need to accrue in this course.

**Prerequisite:** Minimum C grade in the following courses: ASL 29202 and ASEI 43102; and ASL English Interpreting major; and admission to professional phase with a passing score on the entrance assessment.

**Pre/corequisite:** Minimum C grade in ASL 39201.

**Corequisite:** ASEI 43106, ASEI 43111 and ASEI 43114.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ASEI 43104 INTERPRETING PROCESSES III 3 Credit Hours**

(Slashed with ASEI 53104) Advanced level interpreting course focused on enhancing students' English to ASL and ASL to English skills in a variety of settings. Complex texts are selected from a variety of disciplines from both community and educational settings. Students build on previously developed self-assessment skills to create detailed and analytical diagnostic charts of their interpreted work. There will be 45 clinical application hours that students will need to accrue in this course. Students must pass the SLPI (Intermediate) or ASLPI (Level 2) prior to first semester senior year classes.

**Prerequisite:** Minimum C grade in ASL 39202 and ASEI 43107; and ASL English Interpreting major; and passing score of Intermediate on the SLPI or Level 2 on the ASLPI; and admission to professional phase.

**Corequisite:** ASEI 43112, ASEI 43118 and ASL 49108.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ASEI 43105 TRANSLITERATING 3 Credit Hours**

(Slashed with ASEI 53105) Receptive and expressive use of English-based sign language systems; ASL root words, prefix suffix use, simultaneous speaking and signing. Explanation and demonstration of Cued speech; exploration of the research related to individuals who use Cued speech.

**Prerequisite:** Minimum C grade in ASEI 43103 and in ASL 39201; and ASL English Interpreting (ASEI) major; and admission to professional phase.

**Pre/corequisite:** Minimum C grade in ASL 39201.

**Corequisite:** ASEI 43107, ASEI 43110, ASEI 43092 and ASL 39202.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ASEI 43106 SCHOOL SETTING INTERPRETING 3 Credit Hours**

(Slashed with ASEI 53106) Issues, challenges, roles, responsibilities, and ethics of classroom-based educational interpreting are explored. Students are exposed to the variety of classroom designs where interpreters work such as mainstreaming, inclusion, resource room, and self-contained classrooms. K-12 settings place additional expectations for interpreter participation including IEP meetings, counseling, school assemblies and performing arts presentations.

**Prerequisite:** Minimum grade of C in ASL 29202; and American Sign Language/English Interpreting major; and special approval.

**Pre/corequisite:** Minimum grade of C in ASL 39201.

**Corequisite:** ASEI 43103, ASEI 43111 and ASEI 43114.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ASEI 43107 COMMUNITY SETTING INTERPRETING 3 Credit Hours**

(Slashed with ASEI 53107) This course explores the various venues that interpreters can work in the community. Emphasis will be given to the development of specialized vocabulary. Students participate in mock interpreting situations common to community interpreting in order to identify ethical dilemmas, demands and controls. There will be 30 clinical application hours that students will need to accrue in this course.

**Prerequisite:** Minimum C grade in the following courses: ASEI 43103, ASEI 43111, ASEI 43114 and ASL 39201; and ASL English Interpreting major; and admission to professional phase.

**Pre/corequisite:** Minimum grade of C in ASL 39202.

**Corequisite:** ASEI 43092, ASEI 43105, ASEI 43110 and ASEI 43119.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ASEI 43110 DISCOURSE ANALYSIS FOR INTERPRETERS 3 Credit Hours**

(Slashed with ASEI 53110) This course will explore the field of discourse analysis and its relation to the work of an interpreter. Students will complete the course with an understanding of terminology specific to discourse analysis, a better understanding of one's own discourse style and a better idea of how English and ASL use various discourse features. These features include the following: Turn-taking, Conversational Repair-false starts, Discourse Markers, Constructing Dialogue and Action, Cohesion, Rhythm, Rhyme and Repetition.

**Prerequisite:** Minimum grade of C in ASL 39201; and ASEI 43103 and ASEI 43111; and admission to the professional phase.

**Pre/corequisite:** Minimum grade of C in ASL 39202.

**Corequisite:** ASEI 43105, ASEI 43107 and ASEI 43119.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ASEI 43111 THE PROFESSIONAL INTERPRETER 3 Credit Hours**

(Slashed with ASEI 53111) Covers current trends in the field regarding situational and ethical issues. Demand-control schema and the RID Code of Professional Conduct are key components of the students' investigation and application. Students receive guidance in preparing for the RID NIC and participate in practicing for the RID performance test.

**Prerequisite:** Minimum grade of C in ASEI 43102 and ASL 39401; and ASL English Interpreting major; and admission to professional phase.

**Pre/corequisite:** Minimum grade of C in ASL 39201.

**Corequisite:** ASEI 43103 and ASEI 43106.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ASEI 43112 INTERACTIVE INTERPRETING 3 Credit Hours**

(Slashed with ASEI 53112) Guides students through a process of examining the complex nature of interpreting interactive discourse. Discussions will focus on managing this multi-layered process when participants' roles, assumptions, and goals can be congruent or adversarial. Student will learn to navigate contrasting cultural, linguistic, and discourse expectations. This course will present numerous interactive scenarios for students to interpret typical of a variety of settings with different participant configurations.

**Prerequisite:** Minimum grade of C in the following courses: ASL 29202, ASL 39401, ASEI 43102, ASEI 43103 and ASEI 43106; and minimum grade of B- in ASEI 43100; and ASL English Interpreting major; passing score of intermediate on the SLPI or Level 2 on the ASLPI; and admission to professional phase.

**Pre/corequisite:** ASL 39201.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ASEI 43113 ASL TO ENGLISH INTERPRETING PROCESSES (WIC) 3 Credit Hours**

(Slashed with ASEI 53113) Guides students in developing interpreting skills from their L2 (ASL) to their L1 (English). Students will learn strategies for increasing their ASL and English vocabularies for the purposes of understanding equivalents when applying English vocabulary to ASL signs. Students will examine their ability to apply this proficiency to various registers of ASL. Course will also emphasize incorporating Academic English into written scholarly papers to increase students' abilities to apply this to their interpretations.

**Prerequisite:** Minimum C grade in ASL 29201; and minimum B- in ASEI 43100; and ASL English Interpreting major.

**Pre/corequisite:** Minimum C grade in ASL 29202.

**Corequisite:** ASEI 43102 and ASL 39401.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**Attributes:** Writing Intensive Course

**ASEI 43114 SOCIAL MEDIA AND CURRENT EVENTS INTERPRETING 3 Credit Hours**

(Slashed with ASEI 53114) This course introduces students to a wide variety of media sources that highlight current events and happenings within the Deaf and interpreting communities. In this course, students will develop linguistic, analytical and interpretation skills. Students will discuss current events related to topics including but not limited to culture, mental health, politics, economics and education.

**Prerequisite:** ASEI 43102, ASEI 43113 and ASL 29202; and American Sign Language/English Interpreting major; and Admission to Professional Phase.

**Corequisite:** ASEI 43103, ASEI 43111 and ASL 39201.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ASEI 43118 MEDICAL INTERPRETING 3 Credit Hours**

(Slashed with ASEI 53118) This course provides students with the opportunity to explore medical topics, terminologies, and areas of practice to enable them to more effectively meet the needs of deaf patients in a variety of health care settings. This course is designed to equip students with basic skills and knowledge to meet the demands of this setting. Students in this course will become familiar with body systems structures, functions, and common conditions-diseases affecting these systems. Students will be exposed to a variety of medical protocols, scripts, testing procedures, and areas of medical practice. As a result, students will be able to interpret medical information into ASL appropriate structures. They will specifically be able to apply strategies of depiction and spatial mapping.

**Prerequisite:** Minimum C grade in ASEI 43103; and American Sign Language/English Interpreting major; and passing score of Intermediate on the SLPI or Level 2 on the ASLPI.

**Corequisite:** ASEI 43104, ASEI 43112 and ASL 49108.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ASEI 43119 MENTAL HEALTH INTERPRETING 3 Credit Hours**

(Slashed with ASEI 53119) This course will provide students with a foundation of common diagnoses, mental health professionals and their various roles, common mental health settings interpreters may work, and terminology paired with ASL equivalents. This course will also emphasize the relationship between interpreter and mental health professional, providing skill sets in which to pre-and-post conference to ensure an accurate interpretation is rendered, and the goals of the therapist-professional have been met.

**Prerequisite:** Minimum C grade in ASEI 43103; and American Sign Language/English Interpreting major.

**Pre/corequisite:** Minimum C grade in ASL 39202.

**Corequisite:** ASEI 43092, ASEI 43105, ASEI 43107 and ASEI 43110.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ASEI 43192 ADVANCED PRACTICUM: ASL ENGLISH INTERPRETING (ELR) 9 Credit Hours**

(Repeatable for credit) This course is required for students who want to apply for K-12 Licensure to interpret in Ohio Schools. Advanced practicum provides pre-service interpreters with an opportunity to learn from currently practicing master interpreters. Advanced practicum includes a minimum of 405 total hours during a 15- week placement with a minimum of 300 hours in educational settings to qualify for Ohio license for educational interpreters. Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school-agency before the first day of the semester in which the internship will take place. Official valid certification of Child Safety Training, approved Basic Life Support, and A.L.I.C.E. Training must be presented to the campus office of clinical experience or designated faculty-staff at Regional campuses before registering for this course. Students must pass the SLPI (Intermediate) or ASLPI (Level 2) prior to first semester senior year classes. A 3.000 major GPA is required.

**Prerequisite:** Minimum B- grade in ASEI 43104; and minimum C grade in ASEI 43112 and ASL 49108; and ASL English Interpreting major; and admission to professional phase; and 2.750 overall GPA; and a passing score on the SLPI (Intermediate) or ASLPI (Level 2); and special approval.

**Corequisite:** ASEI 49625.

**Schedule Type:** Practical Experience

**Contact Hours:** 27 other

**Grade Mode:** Satisfactory/Unsatisfactory

**Attributes:** Experiential Learning Requirement

**ASEI 43996 INDIVIDUAL INVESTIGATION IN AMERICAN SIGN LANGUAGE/ENGLISH INTERPRETING 1-3 Credit Hours**

(Repeatable for credit) A student-initiated experience to pursue an area of interest not covered by a regular course offering, with the guidance of an ASL-English Interpreting approved instructor. The student is expected to complete pre-determined assignments, which may include a final research paper and a presentation on the findings of the study.

**Prerequisite:** Special approval.

**Schedule Type:** Individual Investigation

**Contact Hours:** 3-10 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**ASEI 49625 INQUIRY SEMINAR FOR AMERICAN SIGN LANGUAGE/ ENGLISH INTERPRETING 3 Credit Hours**

(Slashed with ASEI 59625) Final semester course to coincide with the advanced practice. Students present a professional description of their interpreting site analyzing students' needs, school and instructor expectations or barriers, application of the Demand – Control Schema, and ethical challenges. Current research in the field of interpreting is examined and a diagnostic chart of a work sample is created. Students explore the EIPA exam, its theoretical foundations and participate in practicing for the EIPA.

**Prerequisite:** Minimum B- in ASEI 43104; and minimum C grade in the following courses ASEI 43112 and ASEI 43118 ASL 49108 and COMM 35852.

**Corequisite:** ASEI 43092 or ASEI 43192.

**Schedule Type:** Seminar

**Contact Hours:** 3 other

**Grade Mode:** Standard Letter

**ASEI 50092 ADVANCED PRACTICUM: AMERICAN SIGN LANGUAGE/ ENGLISH INTERPRETING-COMMUNITY SETTING INTERPRETING 9 Credit Hours**

(Repeatable for credit) This course is required for students who do not wish to apply for K-12 Licensure to interpret in Ohio Schools. Field-based practicum experience provides pre-service interpreters with an opportunity to learn from currently practicing master community interpreters. Advanced practicum includes a minimum of 405 total hours during a 15- week placement. University supervisor and teacher mentor observe and assess student's skill. Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks may be required based on community placement. Official valid certification of Child Safety Training, approved Basic Life Support, and A.L.I.C.E. Training must be presented to the campus office of clinical experience or designated faculty-staff at Regional campuses before registering for this course. A major GPA of 3.000 is required.

**Prerequisite:** Minimum B- grade in ASEI 53104; and ASEI 53112 and ASL 49108; and enrolled in the ASL/English Interpreting Licensure Preparation program; and admission to professional phase; and 2.750 overall GPA; and passing score on the SLPI (Intermediate) or ASLPI (Level 2); and graduate standing; and special approval.

**Corequisite:** ASEI 59625.

**Schedule Type:** Practical Experience

**Contact Hours:** 27 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**ASEI 53092 DEAF CULTURE IMMERSION EXPERIENCE 1 Credit Hour**

Intensive week-long practicum at a school for the deaf or camp where students interact with deaf children and/or adults. Conduct, interaction, sign language skills, maturity, responsibility and performance are evaluated by staff at the school or camp administrators.

**Prerequisite:** Graduate standing.

**Pre/corequisite:** Minimum grade of C in ASL 39201.

**Schedule Type:** Practical Experience

**Contact Hours:** 8.33 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**ASEI 53100 SURVEY OF THE INTERPRETING PROFESSION 3 Credit Hours**

(Slashed with ASEI 43100) Introduction to the field of ASL-English interpreting. The following will be discussed: the history of the interpreting profession; the varied roles-responsibilities of interpreters; issues and concerns facing interpreters; legal mandates and constraints governing the provision of interpreters; ethical guidelines and their application to educational environments. Since interpreters are expected to be fluent in both English and ASL, this course will strive to enhance students' facility with both languages.

**Prerequisite:** ASL 19202; and graduate standing.

**Pre/corequisite:** ASL 29201.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ASEI 53102 INTERPRETING PROCESSES I 3 Credit Hours**

(Slashed with ASEI 43102) Beginning level interpreting course that examines the models of interpreting and their application to practice. Consecutive and simultaneous interpreting strategies are used to develop processing skills for both English to ASL and ASL to English interpretations. Samples of narrative genre are the texts used for interpretations as students examine the linguistic and cultural differences between ASL and English narratives. There will be 30 clinical application hours that students will need to accrue in this course.

**Prerequisite:** Minimum of a B- in ASEI 53100; and graduate standing.

**Pre/corequisite:** ASL 29202.

**Corequisite:** ASL 39401 and ASEI 53113.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ASEI 53103 INTERPRETING PROCESSES II 3 Credit Hours**

(Slashed with ASEI 43103) Intermediate level interpreting course that challenges students to interpret the more complex genres including expository, procedural, and argumentative texts. Students will study and apply contextualization strategies. Discourse that is common to both the adult deaf community and educational settings will be interpreted and transliterated. There will be 45 clinical application hours that students will need to accrue in this course.

**Prerequisite:** ASL 29202 and ASEI 53102; and admission to the professional phase with a passing score on the entrance assessment; and graduate standing.

**Pre/corequisite:** ASL 39201.

**Corequisite:** ASEI 53106, ASEI 53111 and ASEI 53114.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ASEI 53104 INTERPRETING PROCESSES III 3 Credit Hours**

(Slashed with ASEI 43104) Advanced level interpreting course focused on enhancing students' English to ASL and ASL to English skills in a variety of settings. Complex texts are selected from a variety of disciplines from both community and educational settings. Students build on previously developed self-assessment skills to create detailed and analytical diagnostic charts of their interpreted work. There will be 45 clinical application hours that students will need to accrue in this course. Students must pass the SLPI (Intermediate) or ASLPI (Level 2) prior to first semester senior year classes.

**Prerequisite:** Minimum C grade in ASL 39202; and ASEI 53107; and ASL/English Interpreting Licensure Preparation program; and passing score of Intermediate on the SLPI or Level 2 on the ASLPI; and graduate standing.

**Corequisite:** ASEI 53112, ASEI 53118 and ASL 49108.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ASEI 53105 TRANSLITERATING 3 Credit Hours**

(Slashed with ASEI 43105) Students are exposed to the various English-based sign systems that are used in the education of deaf students as well as variations of sign communication in the deaf community. Focus is placed on developing transliterating skills utilizing conceptually accurate signed English. Students examine the implications of a diverse sign continuum and the professional expectation of identifying and meeting the language preferences of deaf consumers.

**Prerequisite:** Minimum B- grade in ASEI 53100; and a minimum C grade in ASL 29202; and graduate standing.

**Corequisite:** ASL 39201 and ASEI 53102.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ASEI 53106 SCHOOL SETTING INTERPRETING 3 Credit Hours**

(Slashed with ASEI 43106) Issues, challenges, roles, responsibilities, and ethics of classroom-based educational interpreting are explored. Students are exposed to the variety of classroom designs where interpreters work such as mainstreaming, inclusion, resource room, and self-contained classrooms. K-12 settings place additional expectations for interpreter participation including IEP meetings, counseling, school assemblies and performing arts presentations.

**Prerequisite:** ASL 29201; and ASL/English Interpreting Licensure Preparation program; graduate standing; and special approval.

**Pre/corequisite:** Minimum grade of C in ASL 39201.

**Corequisite:** ASEI 53103, ASEI 53111 and ASEI 53114.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ASEI 53107 COMMUNITY SETTING INTERPRETING 3 Credit Hours**

(Slashed with ASEI 43107) This course explores the various venues that interpreters can work in the community. Emphasis will be given to the development of specialized vocabulary. Students participate in mock interpreting situations common to community interpreting in order to identify ethical dilemmas, demands and controls. There will be 30 clinical application hours that students will need to accrue in this course.

**Prerequisite:** Minimum C grade in the following courses: ASEI 53103, ASEI 53111, ASEI 53114 and ASL 39201; and ASL/English Interpreting Licensure Preparation; and graduate standing.

**Pre/corequisite:** Minimum grade of C in ASL 39202.

**Corequisite:** ASEI 53092, ASEI 53105, ASEI 53110 and ASEI 53119.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ASEI 53110 DISCOURSE ANALYSIS FOR INTERPRETERS 3 Credit Hours**

(Slashed with ASEI 43110) This course will explore the field of discourse analysis and its relation to the work of an interpreter. Students will complete the course with an understanding of terminology specific to discourse analysis, a better understanding of one's own discourse style, and a better idea of how English and ASL use various discourse features. These features include the following: Turn-taking, Conversational Repair - false starts, Discourse Markers, Constructing Dialogue & Action, Cohesion, Rhythm, Rhyme, and Repetition.

**Prerequisite:** Minimum grade of C in ASL 39201; and ASEI 53103 and ASEI 53111.

**Pre/corequisite:** Minimum grade of C in ASL 39202.

**Corequisite:** ASEI 53105, ASEI 53107 and ASEI 53119.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ASEI 53111 THE PROFESSIONAL INTERPRETER 3 Credit Hours**

(Slashed with ASEI 53111) Covers current trends in the field regarding situational and ethical issues. Demand-Control Schema and the RID Code of Professional Conduct are key components of the students' investigation and application. Students receive guidance in preparing for the RID performance test.

**Prerequisite:** Minimum grade of C in ASL 29202; and ASEI 53100 and ASEI 53107; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ASEI 53112 INTERACTIVE INTERPRETING 3 Credit Hours**

(Slashed with ASEI 43112) Guides students through a process of examining the complex nature of interpreting interactive discourse. Discussions will focus on managing this multi-layered process when participants' roles, assumptions, and goals can be congruent or adversarial. Student will learn to navigate contrasting cultural, linguistic, and discourse expectations. This course will present numerous interactive scenarios for students to interpret typical of a variety of settings with different participant configurations.

**Prerequisite:** ASL 29202 with a minimum C grade; and ASEI 53100 and ASEI 53103; passing score of intermediate on the SLPI or level 2 on the ASLPI.

**Corequisite:** ASEI 53102.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ASEI 53113 ASL TO ENGLISH INTERPRETING PROCESSES 3 Credit Hours**

(Slashed with ASEI 43113) Guides students in developing interpreting skills from their L2 (ASL) to their L1 (English). Students will learn strategies for increasing their ASL and English vocabularies for the purposes of understanding equivalents when applying English vocabulary to ASL signs. Students will examine their ability to apply this proficiency to various registers of ASL. Course will also emphasize incorporating Academic English into written scholarly appears to increase students' abilities to apply this to their interpretations.

**Prerequisite:** ASL 29202 and ASEI 53100; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ASEI 53114 SOCIAL MEDIA AND CURRENT EVENTS INTERPRETING  
3 Credit Hours**

(Slashed with ASEI 43114) This course introduces students to a wide variety of media sources that highlight current events and happenings within the Deaf and interpreting communities. In this course, students will develop linguistic, analytical, and interpretation skills. Students will discuss current events related to topics including but not limited to culture, mental health, politics, economics and education.

**Prerequisite:** ASEI 53102, ASEI 53113 and ASL 29202; and American Sign Language/English Interpreting Licensure Preparation program; and admission to professional phase.

**Corequisite:** ASEI 53103, ASEI 53111, ASEI 53106 and ASL 39201.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ASEI 53118 MEDICAL INTERPRETING 3 Credit Hours**

(Slashed with ASEI 43118) This course provides students with the opportunity to explore medical topics, terminologies, and areas of practice to enable them to more effectively meet the needs of deaf patients in a variety of healthcare settings. This course is designed to equip students with basic skills and knowledge to meet the demands of this setting. Students in this course will become familiar with body systems structures, functions, and common conditions-diseases affecting these systems. Students will be exposed to a variety of medical protocols, scripts, testing procedures, and areas of medical practice. As a result, students will be able to interpret medical information into ASL-appropriate structures. They will specifically be able to apply strategies of depiction and spatial mapping.

**Prerequisite:** ASEI 53102; passing score of Intermediate on the SLPI or Level 2 on the ASLPI; and graduate standing.

**Corequisite:** ASEI 53104.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ASEI 53119 MENTAL HEALTH INTERPRETING 3 Credit Hours**

(Slashed with ASEI 43119) This course will provide students with a foundation of common diagnoses, mental health professionals and their various roles, common mental health settings interpreters may work, and terminology paired with ASL equivalents. This course will also emphasize the relationship between interpreter and mental health professional, providing skill sets in which to pre- and -post conference to ensure an accurate interpretation is rendered, and the goals of therapist-professional have been met.

**Prerequisite:** ASEI 53103; and graduate standing.

**Corequisite:** ASEI 53107 and ASEI 53110 and ASEI 53105.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ASEI 53192 ADVANCED PRACTICUM: ASL ENGLISH INTERPRETING  
9 Credit Hours**

(Repeatable for credit) This course is required for students who want to apply for K-12 Licensure to interpret in Ohio Schools. Advanced practicum provides pre-service interpreters with an opportunity to learn from currently practicing master interpreters. Advanced practicum includes a minimum of 405 total hours during a 15- week placement with a minimum of 300 hours in educational settings to qualify for Ohio license for educational interpreters. Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school-agency before the first day of the semester in which the internship will take place. Official valid certification of Child Safety Training, approved Basic Life Support, and A.L.I.C.E. Training must be presented to the campus office of clinical experience or designated faculty-staff at Regional campuses before registering for this course. Students must pass the SLPI (Intermediate) or ASLPI (Level 2) prior to first semester senior year classes. A 3.000 major GPA is required.

**Prerequisite:** Minimum B- grade in ASEI 53104; and ASEI 53112 and ASL 49108; and ASL English Interpreting Licensure Preparation non-degree; and admission to professional phase; and 2.750 overall GPA; passing score on the SLPI (Intermediate) or ASLPI (Level 2); and graduate standing; and special approval.

**Corequisite:** ASEI 59625.

**Schedule Type:** Practical Experience

**Contact Hours:** 27 other

**Grade Mode:** Satisfactory/Unsatisfactory

**ASEI 59625 INQUIRY SEMINAR FOR AMERICAN SIGN LANGUAGE/  
ENGLISH INTERPRETING 3 Credit Hours**

(Slashed with ASEI 49625) Final semester course to coincide with the advanced practicum. Students present a professional description of their interpreting site analyzing student needs, school and instructor expectations or barriers, application of the Demand Control Schema, and ethical challenges. Current research in the field of interpreting is examined and a diagnostic chart of the work sample is created. Students explore the Educational Interpreter Performance Assessment (EIPA) exam, its theoretical foundations, and participate in practicing for the EIPA.

**Prerequisite:** Minimum B- in ASEI 53104; and minimum C grade in the following: COMM 35852, ASL 49108 and ASEI 53112; and graduate standing.

**Corequisite:** ASEI 53192.

**Schedule Type:** Seminar

**Contact Hours:** 3 other

**Grade Mode:** Standard Letter

**Career and Community Services (CCS)****CCS 0005 COLLEGE ORIENTATION 1 Credit Hour**

This course introduces students to the expectations and responsibilities of being a college student. Students will be provided with valuable information of the resources and activities available at Kent State. Students will explore personal values, skills, abilities, and beliefs, and learn how to set academic goals that will guide them throughout their college experience.

**Prerequisite:** Career and Community Studies, Career Community Studies–College Preparation, Career Community Studies–Employment Readiness majors; and special approval.

**Schedule Type:** Lecture

**Contact Hours:** 1 lecture

**Grade Mode:** Satisfactory/Unsatisfactory

**CCS 00010 PERSONAL EXPLORATION I: NUTRITION AND PHYSICAL FITNESS 3 Credit Hours**

This course focuses on the importance of nutrition and physical exercise in order to take care of and to improve upon one's personal health needs.

**Prerequisite:** Career and Community Studies, Career Community Studies–College Preparation, Career Community Studies–Employment Readiness majors.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CCS 00015 ACADEMIC EXPERIENCE I: DISABILITY AWARENESS 3 Credit Hours**

This course promotes development of self-awareness through identifying personal strengths and needs, and self-advocacy skills through various methods of communication. Students will learn of their rights, responsibilities, and of the disabilities laws that help them to advocate for necessary supports.

**Prerequisite:** Career and Community Studies, Career Community Studies–College Preparation, Career Community Studies–Employment Readiness majors.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CCS 00020 TECHNOLOGY LABORATORY I 1 Credit Hour**

This course is an introduction to the uses of Flashline, BlackBoard Learn, and Microsoft Word to enhance student academic performance.

**Prerequisite:** Career and Community Studies, Career Community Studies–College Preparation, Career Community Studies–Employment Readiness majors.

**Schedule Type:** Laboratory

**Contact Hours:** 2 lab

**Grade Mode:** Standard Letter

**CCS 00025 FINANCIAL LITERACY I: BUDGETING PERSONAL EXPENSES IN COLLEGE 1 Credit Hour**

This introductory course will provide the student with an opportunity to develop attitudes and skills to achieve personal financial wellness and satisfaction while in college. Topics include how to set up a budget, considering where one might save money in daily living, and managing expenses.

**Prerequisite:** Career and Community Studies major, Career and Community Studies–College Preparation, or Career and Community Studies–Employment Readiness major.

**Schedule Type:** Lecture

**Contact Hours:** 1 lecture

**Grade Mode:** Standard Letter

**CCS 00030 PHYSICAL EDUCATION I 1 Credit Hour**

Students will participate in a sport or physical fitness activity in order to learn more about the topic of interest and to increase personal health. Students will practice appropriate personal and social skills, and demonstrate abilities to manage course responsibilities.

**Prerequisite:** Career and Community Studies, Career Community Studies–College Preparation, Career Community Studies–Employment Readiness majors.

**Schedule Type:** Laboratory

**Contact Hours:** 2 lab

**Grade Mode:** Satisfactory/Unsatisfactory

**CCS 00035 HEALTH AND WELLNESS I: PERSONAL SOCIAL SKILLS 3 Credit Hours**

Effective communication enhances personal, family, and community health. Select personal and social skills are presented in order to improve the health of the student. The student will participate in activities that allow them to practice and perform skills both in and outside of the classroom. The student creates a portfolio of course assignments for evaluation.

**Prerequisite:** Career and Community Studies, Career Community Studies–College Preparation, Career Community Studies–Employment Readiness majors.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CCS 00040 GET OUT OF YOUR COMFORT ZONE I: PREPARING FOR SUCCESS 3 Credit Hours**

Life begins with one step outside of your comfort zone. This introductory course is designed to teach many different literacy (e.g. reading, writing, speaking, and technology) skills that college students must develop in order for academic, community inclusion and social success, and to expand self-knowledge about personal strengths, preferences, interests, and needs. The student will apply self-determination as they develop skills necessary to attain academic success and to make connections to the university and community beyond.

**Prerequisite:** Career and Community Studies major, Career and Community Studies–College Preparation, or Career and Community Studies–Employment Readiness major.

**Schedule Type:** Laboratory, Lecture, Combined Lecture and Lab

**Contact Hours:** 1 lecture, 6 lab

**Grade Mode:** Standard Letter

**CCS 00105 INTRODUCTION TO CAREER EXPLORATION 1 Credit Hour**

Students begin the exploration process that helps them to become aware of their specific abilities, interests, and needs, and how these relate to their future life work.

**Prerequisite:** Career and Community Studies, Career Community Studies–College Preparation, Career Community Studies–Employment Readiness majors.

**Schedule Type:** Lecture

**Contact Hours:** 1 lecture

**Grade Mode:** Standard Letter

**CCS 00110 PERSONAL EXPLORATION II: INDEPENDENT LIVING AND LEISURE EDUCATION 3 Credit Hours**

This course focuses on two different but related topics. The first half of the semester is designed to provide college students with the opportunity to explore and develop personal leisure values, and expand their leisure interests. During the second half of the semester, students will practice various independent living skills in order to become more responsible adults.

**Prerequisite:** Career and Community Studies, Career Community Studies–College Preparation, Career Community Studies–Employment Readiness majors.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CCS 00115 ACADEMIC EXPERIENCE II: SELF-DETERMINATION 3 Credit Hours**

This course will provide students with opportunities to recognize and develop skills that can help them to increase success in all areas of their lives. Persons who are more self-determined often experience academic, employment, community living and personal satisfaction.

**Prerequisite:** Career and Community Studies, Career Community Studies–College Preparation, Career Community Studies–Employment Readiness majors.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CCS 00120 TECHNOLOGY LABORATORY II 1 Credit Hour**

Introduction to the uses of Microsoft Power Point, Publisher, and Excel in order to connect knowledge and learning experiences for student success.

**Prerequisite:** Career and Community Studies, Career Community Studies–College Preparation, Career Community Studies–Employment Readiness majors.

**Schedule Type:** Laboratory

**Contact Hours:** 2 lab

**Grade Mode:** Standard Letter

**CCS 00125 FINANCIAL LITERACY II: BUDGETING PERSONAL EXPENSES AFTER COLLEGE 1 Credit Hour**

This course will provide the student with a more detailed opportunity to reflect on one's desire and ability to manage money in adult life to achieve personal financial wellness and satisfaction. Topics include earning and saving money, how to calculate wages and understanding federal, state, and local taxes, and establishing a realistic budget that will help the student to transition into adult life.

**Prerequisite:** Career and Community Studies major, Career and Community Studies–College Preparation, or Career and Community Studies–Employment Readiness major.

**Schedule Type:** Lecture

**Contact Hours:** 1 lecture

**Grade Mode:** Standard Letter

**CCS 00130 PHYSICAL EDUCATION II 1 Credit Hour**

Students will participate in a sport or physical fitness activity in order to learn more about the topic of interest and to increase personal health. Students will advance appropriate personal and social skills, and demonstrate increased abilities to manage course responsibilities.

**Prerequisite:** Career and Community Studies, Career Community Studies–College Preparation, Career Community Studies–Employment Readiness majors; and special approval.

**Schedule Type:** Laboratory

**Contact Hours:** 2 lab

**Grade Mode:** Satisfactory/Unsatisfactory

**CCS 00135 HEALTH AND WELLNESS II: HUMAN SEXUALITY 3 Credit Hours**

Focus of the course is to understand behaviors and issues related to human sexuality.

**Prerequisite:** Career and Community Studies, Career Community Studies–College Preparation, Career Community Studies–Employment Readiness majors.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CCS 00140 GET OUT OF YOUR COMFORT ZONE II: VOLUNTEERING 3 Credit Hours**

With busy lives, it can be hard to find time to volunteer. However, the benefits of volunteering are enormous to you, your family, and your community. Volunteering and helping others can help you reduce stress, combat depression, keep you mentally stimulated, and provide a sense of purpose. The student will research and explore various opportunities to volunteer, even in simple ways, that can help others in need and improve student health and happiness.

**Prerequisite:** Career and Community Studies major, Career and Community Studies–College Preparation, or Career and Community Studies–Employment Readiness major.

**Schedule Type:** Laboratory, Lecture, Combined Lecture and Lab

**Contact Hours:** 1 lecture, 6 lab

**Grade Mode:** Standard Letter

**CCS 00196 FRESHMAN INDIVIDUAL STUDY 1-3 Credit Hours**

(Repeatable for credit) Independent Study is a student-initiated experience in order to pursue an area of career interest not covered by a regular course offering; with the approval and guidance of a Career and Community Studies faculty member.

**Prerequisite:** Career and Community Studies, Career Community Studies–College Preparation, Career Community Studies–Employment Readiness majors.

**Schedule Type:** Individual Investigation

**Contact Hours:** 3-9 other

**Grade Mode:** Standard Letter-IP

**CCS 00205 CAREER EXPLORATION I 3 Credit Hours**

This course promotes assessment of specific career skills, interests, and needs, and how these relate to future life work. The student develops career awareness through evaluation of past experiences that have influenced career development and uses person-centered planning tools to develop and implement meaningful future career goals.

**Prerequisite:** Career and Community Studies major, Career and Community Studies–College Preparation, or Career and Community Studies–Employment Readiness major.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CCS 00210 ACADEMIC SUCCESS I 3 Credit Hours**

This introductory course is designed to teach many different literacy (e.g. reading, writing, speaking, and technology) skills that college students must develop in order to have academic and social success. The student will practice to communicate effectively and identify resources available in order to complete coursework assignments and projects.

**Prerequisite:** Career and Community Studies major, Career and Community Studies–College Preparation, or Career and Community Studies–Employment Readiness major.

**Schedule Type:** Laboratory, Lecture, Combined Lecture and Lab

**Contact Hours:** 1 lecture, 6 lab

**Grade Mode:** Standard Letter



**CCS 00215 INTRODUCTION TO COMMUNICATION SKILLS 3 Credit Hours**

This course explores communication theories and practices in group, interpersonal, and public contexts. Students explore the processes of active listening, developing effective communication skills, and the processes of organizing thoughts into clear messages so that others may more easily understand.

**Prerequisite:** Career and Community Studies, Career Community Studies–College Preparation, Career Community Studies–Employment Readiness majors.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Satisfactory/Unsatisfactory

**CCS 00225 FINANCIAL LITERACY III 1 Credit Hour**

This course provides the student with real-life situations to practice basic math skills used in budgeting and managing money wisely. The student recognizes the hidden costs associated with many of the essentials and conveniences they use daily.

**Prerequisite:** Career and Community Studies, Career Community Studies–College Preparation, Career Community Studies–Employment Readiness majors.

**Schedule Type:** Lecture

**Contact Hours:** 1 lecture

**Grade Mode:** Standard Letter

**CCS 00235 HEALTH AND WELLNESS III: INJURY PREVENTION 3 Credit Hours**

The focus of the course is to understand behaviors and issues related to personal injury and safety.

**Prerequisite:** Career and Community Studies, Career Community Studies–College Preparation, Career Community Studies–Employment Readiness majors.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CCS 00292 SOPHOMORE PRACTICUM I 3 Credit Hours**

(Repeatable for credit) This course provides the student with the opportunity to develop crucial work skills that are important in any employment positions. The student gains self-awareness of their work skills and habits and receives support as they prepare for the career that they ultimately desire.

**Prerequisite:** Career and Community Studies, Career Community Studies–College Preparation, Career Community Studies–Employment Readiness majors; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 9 other

**Grade Mode:** Standard Letter-IP

**CCS 00296 SOPHOMORE INDEPENDENT STUDY 1-3 Credit Hours**

(Repeatable for credit) Independent Study is a student-initiated experience in order to pursue an area of career interest not covered by a regular course offering, with the approval and guidance of a Career and Community Studies faculty member.

**Prerequisite:** Career and Community Studies, Career Community Studies–College Preparation, Career Community Studies–Employment Readiness majors.

**Schedule Type:** Individual Investigation

**Contact Hours:** 3-9 other

**Grade Mode:** Standard Letter-IP

**CCS 00305 CAREER EXPLORATION II 3 Credit Hours**

The purpose of this course is to help the student to narrow career possibilities and to identify the career of their choice. The student conducts research into an identified career field in order to list the necessary skills, to investigate local occupational opportunities, and to specify any training experiences that are available to advance knowledge and skills in this area.

**Prerequisite:** CCS 00205; and Career and Community Studies major, Career and Community Studies-College Preparation, or Career and Community Studies-Employment Readiness major.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CCS 00310 ACADEMIC SUCCESS II 3 Credit Hours**

This course supports the student as they advance skills in learning strategies, critical thinking, problem-solving, and study skills; and as they apply skills to coursework that prepares for a specific career interest. The student practices effective communicate through reading, writing, and speaking while completing assignments and projects.

**Prerequisite:** Career and Community Studies major, Career and Community Studies-College Preparation, or Career and Community Studies-Employment Readiness major.

**Schedule Type:** Combined Lecture and Lab

**Contact Hours:** 1 lecture, 6 lab

**Grade Mode:** Standard Letter

**CCS 00325 FINANCIAL LITERACY IV 1 Credit Hour**

The student will understand how credit card debt, personal loans for housing, leisure, or transportation needs, and investing in savings and bonds can have an effect on the lifestyle that one hopes to achieve.

Making wise financial decisions and planning is important when becoming an independent adult.

**Prerequisite:** Career and Community Studies, Career Community Studies–College Preparation, Career Community Studies–Employment Readiness majors.

**Schedule Type:** Lecture

**Contact Hours:** 1 lecture

**Grade Mode:** Standard Letter

**CCS 00335 HEALTH AND WELLNESS IV: HEALTHY LIVING AND SUBSTANCE ABUSE 3 Credit Hours**

This course will support behavior that encourages students to make responsible choices for lifelong health and wellness through instruction and active participation. Topics to be discussed include personal and social skills, nutrition and fitness, developing coping skills, sexuality education, substance use, and injury prevention.

**Prerequisite:** Career and Community Studies, Career Community Studies–College Preparation, Career Community Studies–Employment Readiness majors.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CCS 00392 SOPHOMORE PRACTICUM II 3 Credit Hours**

(Repeatable for credit) This course provides the student with additional opportunities to develop crucial work skills that are important in all employment positions. The student expands self-awareness of their work skills and habits and receives support as they prepare for the career that they ultimately desire.

**Prerequisite:** Career and Community Studies, Career Community Studies–College Preparation, Career Community Studies–Employment Readiness majors.

**Schedule Type:** Practical Experience

**Contact Hours:** 9 other

**Grade Mode:** Standard Letter-IP

**CCS 00395 SPECIAL TOPICS 1-4 Credit Hours**

(Repeatable for credit) Course topic will vary depending upon individual career choices. The student will participate in courses with like-minded peers in order to gain knowledge and skills in the career field of interest. Students must get approval from their academic advisor and course faculty prior to taking this course.

**Prerequisite:** Career and Community Studies, Career Community Studies–College Preparation, Career Community Studies–Employment Readiness majors; and special approval.

**Schedule Type:** Laboratory, Lecture

**Contact Hours:** 1-4 lecture, 2-8 lab

**Grade Mode:** Satisfactory/Unsatisfactory

**CCS 00396 JUNIOR INDEPENDENT STUDY 1-3 Credit Hours**

(Repeatable for credit) Independent Study is a student-initiated experience in order to pursue an area of career interest not covered by a regular course offering, with the approval and guidance of a Career and Community Studies faculty member.

**Prerequisite:** Career and Community Studies, Career Community Studies–College Preparation, Career Community Studies–Employment Readiness majors; and special approval.

**Schedule Type:** Individual Investigation

**Contact Hours:** 3-9 other

**Grade Mode:** Standard Letter-IP

**CCS 00405 CAREER PREPARATION I: CHOOSING YOUR CAREER 3 Credit Hours**

This course prepares the student for entering the work force by creating a resume, practicing interviewing skills, and by developing networks of people who can help them to achieve their career goals. The student will participate in job shadowing opportunities in order to better understand the expectations and requirements of the career field of interest.

**Prerequisite:** Career and Community Studies, Career Community Studies–College Preparation, Career Community Studies–Employment Readiness majors.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CCS 00420 ACADEMIC SUPPORT I 3 Credit Hours**

This course provides support to the student as they advance in goal setting and attainment skills. The student is supported as they increase critical thinking skills and monitors academic progress; and as they complete course assignments while working towards becoming an organized and self-determined student.

**Prerequisite:** Career and Community Studies, Career Community Studies–College Preparation, Career Community Studies–Employment Readiness majors.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CCS 00492 JUNIOR PRACTICUM III 4 Credit Hours**

(Repeatable for credit) Once a career has been initially identified, it is important early on for the student to be exposed to the requirements and environments of that field. Students will be provided opportunities to perform work relevant to their career choice. Evaluating the fit helps to ensure that they have chosen wisely. In-progress (IP) mark permissible.

**Prerequisite:** Career and Community Studies, Career Community Studies–College Preparation, Career Community Studies–Employment Readiness majors.

**Schedule Type:** Practical Experience

**Contact Hours:** 12 other

**Grade Mode:** Standard Letter-IP

**CCS 00495 SPECIAL TOPICS 1-4 Credit Hours**

(Repeatable for credit) Course topic will vary depending upon individual career choices. The student will participate in courses with like-minded peers in order to gain knowledge and skills in the career field of interest. Students must get approval from their academic advisor and course faculty prior to taking this course.

**Prerequisite:** Career and Community Studies, Career Community Studies–College Preparation, Career Community Studies–Employment Readiness majors; and special approval.

**Schedule Type:** Laboratory, Lecture

**Contact Hours:** 1-4 lecture, 1-4 lab

**Grade Mode:** Satisfactory/Unsatisfactory

**CCS 00496 SENIOR INDEPENDENT STUDY 1-3 Credit Hours**

Independent Study is a student-initiated experience in order to pursue an area of career interest not covered by a regular course offering, with the approval and guidance of a Career and Community Studies faculty member.

**Prerequisite:** Career and Community Studies, Career Community Studies–College Preparation, Career Community Studies–Employment Readiness majors.

**Schedule Type:** Individual Investigation

**Contact Hours:** 3-9 other

**Grade Mode:** Standard Letter-IP

**CCS 00505 CAREER PREPARATION II 3 Credit Hours**

This course is designed to continue to prepare the student for entering into the work force by expanding interview skills and by locating and utilizing resources such as state employment and vocational rehabilitation services to promote career decisions.

**Prerequisite:** CCS 00405; and Career and Community Studies, Career Community Studies–College Preparation, Career Community Studies–Employment Readiness majors.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CCS 00520 ACADEMIC SUPPORT II 3 Credit Hours**

This sequenced course continues to provide support to the student as they advance in goal setting and attainment skills. The student is supported as they increase critical thinking skills, monitors progress, and receives support as they complete course assignments pertaining to career goals while working towards becoming an organized and self-determined student.

**Prerequisite:** CCS 00420; and Career and Community Studies, Career Community Studies–College Preparation, Career Community Studies–Employment Readiness majors.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CCS 00592 JUNIOR PRACTICUM IV 4 Credit Hours**

(Repeatable for credit) This course provides additional opportunities for the student to be exposed to the requirements and environments of the career field to ensure the student's commitment to the career choice. Additionally, the student continues to develop appropriate work habits and behaviors while obtaining specific occupation skills.

**Prerequisite:** Career and Community Studies, Career Community Studies–College Preparation, Career Community Studies–Employment Readiness majors; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 12 other

**Grade Mode:** Standard Letter-IP

**CCS 00595 SPECIAL TOPICS 1-4 Credit Hours**

(Repeatable for credit) Course topic will vary depending upon individual career choices. The student will participate in courses with like-minded peers in order to gain knowledge and skills in the career field of interest. Students must get approval from their academic advisor and course faculty prior to taking this course.

**Prerequisite:** Career and Community Studies, Career Community Studies–College Preparation, Career Community Studies–Employment Readiness majors; and special approval.

**Schedule Type:** Laboratory, Lecture

**Contact Hours:** 2-8 lab

**Grade Mode:** Satisfactory/Unsatisfactory

**CCS 00605 COMMUNITY LIFE I: PREPARE FOR EMPLOYMENT AFTER COLLEGE 1 Credit Hour**

This course guides the student as they prepare for employment by completing on-line employment recognized certifications that apply to career interest as they plan for transitioning back to the community in which they will work after graduation. The student considers personal strengths, preferences, interests, and needs as they relate to career specific qualifications.

**Prerequisite:** Career and Community Studies major, Career Community Studies-College Preparation major, or Career Community Studies-Employment Readiness major.

**Corequisite:** CCS 00606.

**Schedule Type:** Lecture

**Contact Hours:** 1 lecture

**Grade Mode:** Standard Letter

**CCS 00606 COMMUNITY LIFE I LABORATORY 3 Credit Hours**

Using the Personal Profile created in a coexisting course, the student will complete on-line employment recognized certifications in preparation for their identified career field.

**Prerequisite:** Career and Community Studies major, Career and Community Studies-College Preparation, or Career and Community Studies-Employment Readiness major.

**Corequisite:** CCS 00605.

**Schedule Type:** Laboratory

**Contact Hours:** 9 lab

**Grade Mode:** Standard Letter

**CCS 00692 SENIOR INTERNSHIP I 1-12 Credit Hours**

(Repeatable for credit) Internship courses are credit-bearing work experiences that are integrated with academic instruction and relate to an individual student's career goals. The internship occurs in a natural community setting and provides an environment and context to integrate specific career knowledge, skills, and professional behaviors.

**Prerequisite:** Career and Community Studies, Career Community Studies–College Preparation, Career Community Studies–Employment Readiness majors; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 3-36 other

**Grade Mode:** Standard Letter-IP

**CCS 00695 SPECIAL TOPICS 1-4 Credit Hours**

(Repeatable for credit) Course topic will vary depending upon individual career choices. The student will participate in courses with like-minded peers in order to gain knowledge and skills in the career field of interest. Students must get approval from their academic advisor and course faculty prior to taking this course.

**Prerequisite:** Career and Community Studies, Career Community Studies–College Preparation, Career Community Studies–Employment Readiness majors.

**Schedule Type:** Laboratory, Lecture

**Contact Hours:** 1-4 lecture, 2-8 lab

**Grade Mode:** Satisfactory/Unsatisfactory

**CCS 00705 COMMUNITY LIFE II: MAKING COMMUNITY CONNECTIONS 1 Credit Hour**

In this class, the student will discuss and design a plan to develop two valuable resources to aid in the transition back to their community. One is a portfolio that contains cumulative projects that will serve as a resource guide. The other is a Person-Centered Plan that identifies past, present, and future skill and goal development.

**Prerequisite:** Career and Community Studies major, Career and Community Studies-College Preparation, or Career and Community Studies-Employment Readiness major.

**Corequisite:** CCS 00705.

**Schedule Type:** Lecture

**Contact Hours:** 1 lecture

**Grade Mode:** Standard Letter

**CCS 00706 COMMUNITY LIFE II LABORATORY 3 Credit Hours**

The student will create a portfolio of documents completed throughout the four year college experience that showcase accomplishments in domains of Wellness, Community Inclusion, and Career Preparation. The student will also create a Person-Centered Plan that is useful to achieving life goals after graduation.

**Prerequisite:** Career and Community Studies major, Career and Community Studies-College Preparation, or Career and Community Studies-Employment Readiness major.

**Corequisite:** CCS 00705.

**Schedule Type:** Laboratory

**Contact Hours:** 9 lab

**Grade Mode:** Standard Letter

**CCS 00792 SENIOR INTERNSHIP II 1-12 Credit Hours**

(Repeatable for credit) Internship courses are credit-bearing work experiences that are integrated with academic instruction and relate to an individual student's career goals. The internship occurs in a natural community setting and provides an environment and context to integrate specific career knowledge, skills, and professional behaviors.

**Prerequisite:** Career and Community Studies, Career Community Studies–College Preparation, Career Community Studies–Employment Readiness majors; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 3-36 other

**Grade Mode:** Standard Letter-IP

**CCS 00795 SPECIAL TOPICS 1-4 Credit Hours**

(Repeatable for credit) Course topic will vary depending upon individual career choices. The student will participate in courses with like-minded peers in order to gain knowledge and skills in the career field of interest. Students must get approval from their academic advisor and course faculty prior to taking this course.

**Prerequisite:** Career and Community Studies, Career Community Studies–College Preparation, Career Community Studies–Employment Readiness majors; and special approval.

**Schedule Type:** Laboratory, Lecture

**Contact Hours:** 1-4 lecture, 2-8 lab

**Grade Mode:** Satisfactory/Unsatisfactory

**Counselor Education and Supervision (CES)****CES 20092 FIELD EXPERIENCE I: MIDDLE CHILDHOOD (ELR) 1 Credit Hour**

(Repeatable for credit) Course augments from an experiential perspective knowledge of early adolescence period of development. Placement in school settings (30 hrs.).

**Corequisite:** HDFS 24013.

**Schedule Type:** Field Experience

**Contact Hours:** 3 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**Attributes:** Experiential Learning Requirement

**CES 34650 PRACTICES AND THEORIES IN ADDICTIONS COUNSELING 3 Credit Hours**

Review of historical and contemporary theories and models of addiction (e.g., disease, behavioral, public health, family systems), as well as recommended practices in addictions counseling. Pharmacology and sociocultural factors emphasized. Implications for prevention, treatment, and policy are considered.

**Prerequisite:** CES 37662.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 34654 EVIDENCE-BASED APPROACHES IN ADDICTIONS COUNSELING 3 Credit Hours**

Intensive study of a select number of evidence-based or empirically-supported approaches in addictions counseling, including cognitive-behavioral and systems and family approaches. Didactic and experiential training methods used to promote practice with fidelity.

**Prerequisite:** CES 37665.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 37662 INTRODUCTION TO ADDICTIONS COUNSELING 3 Credit Hours**

Introduction to fundamental concepts and recommended practices in addictions counseling today, including pharmacology, screening and assessment, facilitating individual and group services, and ethical and legal considerations. Meets minimum training requirements for State of Ohio credentialing eligibility as a chemical dependency counselor assistant.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 37665 PLANNING CARE IN ADDICTIONS COUNSELING 3 Credit Hours**

Assessment and diagnosis of substance use disorders, and formulation of comprehensive and individualized care plans. Consideration of client dimensions and appropriate care levels, and emphasis on collaborative and coordinated care.

**Prerequisite:** CES 34650.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 37668 INTRODUCTION TO MOTIVATIONAL INTERVIEWING 3 Credit Hours**

Introduction to motivational interviewing (MI), a strengths-based and evidence-based practice designed to facilitate the self-directed and beneficial change of others in a variety of health behaviors. Practice of MI-consistent skills with immediate feedback, use of MI coding scheme to evaluate MI-consistency, and emphasis on continuous learning and skill-building.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 37692 ADDICTIONS COUNSELING PRACTICUM (ELR) 4-9 Credit Hours**

(Repeatable for credit) Field-based experiential training and supervised practice of addictions counseling with individual and group clients. Practicum site must be approved by CES program. Individual supervision must be supplied onsite (at location of practicum) by licensed behavioral health care provider approved by CES program. Six or seven class sessions per academic term that focus on theory- and training-to-practice implementation, professional role development, ensuring ethical practice, and self-care. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit results to authorized personnel at practicum site prior to first day of academic term in which practicum will take place.

**Prerequisite:** CES 34654 or CES 37665.

**Schedule Type:** Lecture, Practical Experience

**Contact Hours:** 1 lecture, 21-56 other

**Grade Mode:** Standard Letter-IP

**Attributes:** Experiential Learning Requirement

**CES 37800 SMALL GROUP PROCESS 2 Credit Hours**

(Cross-listed with HED 34060) Students learn to understand the dynamics of problem-solving groups and how to become effective leaders and members. Topics include climate, goals, decision making, communication, leadership, membership. Experience-based learning combined with conceptualizing.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 2 lecture

**Grade Mode:** Standard Letter

**CES 40093 VARIABLE TITLE WORKSHOP IN COUNSELOR EDUCATION AND SUPERVISION 1-4 Credit Hours**

(Repeatable for a maximum of 6 credit hours) Topics of special interest to students who desire to increase their knowledge in counseling and related areas. Kent faculty and experts from other institutions and agencies. Topics will be announced in the schedule of classes booklet.

**Prerequisite:** None.

**Schedule Type:** Workshop

**Contact Hours:** 1-4 other

**Grade Mode:** Satisfactory/Unsatisfactory

**CES 44084 BEHAVIORAL SCIENCE IN HEALTH PROFESSIONS 1-3 Credit Hours**

(Repeatable for a maximum of 12 hours) Behavioral science perspective on individual and social issues affecting medical care delivery. Individually arranged. May include field projects participation in health related investigations and presentations and personal development programs.

**Prerequisite:** Special approval.

**Schedule Type:** Lecture

**Contact Hours:** 1-3 lecture

**Grade Mode:** Standard Letter

**CES 50093 VARIABLE TITLE WORKSHOP IN COUNSELOR EDUCATION AND SUPERVISION 1-4 Credit Hours**

(Repeatable for credit) (Slashed with CES 70093) Workshops and training laboratories in various aspects of counseling, guidance and personnel services for counselors, supervisors, administrators and paraprofessionals. Prospective enrollees not currently admitted to graduate school may obtain special admission for graduate credit in a workshop. Topics are announced in brochures of college of continuing studies. Limit of 6 hours with adviser's permission toward any degree program.

**Prerequisite:** Graduate standing.

**Schedule Type:** Workshop

**Contact Hours:** 1-4 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**CES 60193 VARIABLE TITLE WORKSHOP IN CLINICAL REHABILITATION COUNSELING 1-4 Credit Hours**

(Repeatable for credit)(Slashed with CES 70193) Variable topic workshop designed to respond to emerging or specialized needs in clinical rehabilitation counseling.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Workshop

**Contact Hours:** 1-4 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**CES 60199 THESIS I 2-6 Credit Hours**

(Repeatable for credit) Thesis students must register for a total of 6 hours, 2 to 6 hours in a single semester distributed over several semesters if desired.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Masters Thesis

**Contact Hours:** 2-6 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**CES 60299 THESIS II 2 Credit Hours**

(Repeatable for credit) Thesis students must continue registration each semester until all degree requirements are met.

**Prerequisite:** CES 60199; and graduate standing.

**Schedule Type:** Masters Thesis

**Contact Hours:** 2 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**CES 64084 BEHAVIORAL SCIENCE IN THE HEALTH PROFESSIONS 1-3 Credit Hours**

Behavioral science perspective on individual and social issues that affect medical care delivery. Individually arranged.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Lecture

**Contact Hours:** 1-3 lecture

**Grade Mode:** Standard Letter-IP

**CES 65511 RESEARCH IN COUNSELING 3 Credit Hours**

Introduction to purposes and practice of qualitative and quantitative research related to counseling. There will be emphasis on elements of conducting research and using products of research to support and enhance practice. Authentic examples from counseling will be used as illustration.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 67492 PRACTICUM I: CLINICAL MENTAL HEALTH COUNSELING 3 Credit Hours**

Students begin supervised practice of counseling with clients, primarily in The Counseling Center. Individual supervision and seminar discussion are used for the development of counseling skills, strategies and professional role.

**Prerequisite:** CES 67530 and CES 67531 and CES 67580 and CES 67628 and CES 67663 and CES 68126; and Clinical Mental Health Counseling major; and graduate standing.

**Schedule Type:** Practical Experience

**Contact Hours:** 16 other

**Grade Mode:** Standard Letter

**CES 67530 COUNSELING THEORIES 3 Credit Hours**

(Slashed with CES 77530) A survey of counseling practice that examines the nature of counseling process and relationships as described from major theoretical perspectives.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 67531 COUNSELING SKILLS AND TECHNIQUES 3 Credit Hours**

(Slashed with CES 77531) Didactic and experiential training in basic interviewing and counseling techniques prepares the student for practicum through role playing, videotaped feedback and simulation.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 67580 MULTICULTURAL COUNSELING 3 Credit Hours**

(Slashed with CES 77580) Seminar focused on sensitivities needed to work effectively with diverse clients. Consideration given to racism, oppression, poverty, ageism, gender, and relational affinity.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 67591 SEMINAR IN COUNSELOR EDUCATION AND SUPERVISION 1-3 Credit Hours**

(Repeatable for credit) Variable topic seminars considering problems, research and current practices for counselors and personnel workers. Topic to be announced in schedule of classes booklet.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Seminar

**Contact Hours:** 1-3 other

**Grade Mode:** Standard Letter

**CES 67592 PRACTICUM II: CLINICAL MENTAL HEALTH COUNSELING 3 Credit Hours**

(Repeatable for credit) (Slashed with CES 77592) Involves individual counseling and group work with appropriate populations. Caseload geared toward preparation for internship.

**Prerequisite:** CES 67492; and graduate standing.

**Schedule Type:** Practical Experience

**Contact Hours:** 16 other

**Grade Mode:** Standard Letter

**CES 67595 SPECIAL TOPICS IN COUNSELOR EDUCATION AND SUPERVISION 1-3 Credit Hours**

(Repeatable for credit) (Slashed with CES 87595) Presentation of topics of special interest to students in counselor education and supervision. Offered irregularly. Topics will be announced in schedule of classes booklet.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Lecture

**Contact Hours:** 1-3 lecture

**Grade Mode:** Standard Letter

**CES 67596 INDIVIDUAL INVESTIGATION IN COUNSELOR EDUCATION AND SUPERVISION 1-3 Credit Hours**

(Repeatable for credit) (Slashed with CES 87596) Student investigates one or more topics in counseling under supervision. Review selected literature beyond normal course coverage. Arrangements with instructor must be made prior to registration.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Individual Investigation

**Contact Hours:** 1-3 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**CES 67628 DIAGNOSIS IN COUNSELING 3 Credit Hours**

(Slashed with CES 77628) Students develop diagnostic skills in interviewing and use of appropriate nosology in counseling diagnosis.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 67662 FOUNDATIONS OF ADDICTIONS COUNSELING 3 Credit Hours**

(Slashed with CES 77662) Introduction to fundamental concepts and recommended practices in addictions counseling, including pharmacology, screening and assessment, facilitating individual and group services, and ethical and legal considerations. Meets minimum training requirements for State of Ohio credentialing eligibility as a chemical dependency counselor assistant.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 67663 ORIENTATION AND ETHICS: CLINICAL MENTAL HEALTH COUNSELING 3 Credit Hours**

(Slashed with CES 77663) Attention is given to the identity, ethics, professional standards and organizations, and employment settings of the clinical mental health counselor. Models of problem definition, administrative structure and service delivery are explored.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 67664 THEORIES AND PRACTICES IN ADDICTIONS COUNSELING 3 Credit Hours**

(Slashed with CES 77664) Review of historical and contemporary theories and models of addiction (e.g., disease, behavioral, public health, family systems), as well as recommended practices in addictions counseling. Pharmacology and sociocultural factors emphasized. Implications for prevention, treatment, and policy are considered.

**Prerequisite:** CES 67662; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 67665 TREATMENT PLANNING IN ADDICTIONS COUNSELING 3 Credit Hours**

(Slashed with CES 77665) Assessment and diagnosis of substance use disorders, and formulation of comprehensive and individualized care plans. Consideration of client dimensions and appropriate care levels, and emphasis on collaborative, coordinated, and ethical care.

**Prerequisite:** CES 67664; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 67666 EVIDENCE-BASED PRACTICES IN ADDICTIONS COUNSELING 3 Credit Hours**

(Slashed with CES 77666) Intensive study of a select number of evidence-based practices (EBPs) in addictions counseling for individuals, groups, and families, including cognitive-behavioral and systems and family approaches. Didactic and experiential training methods used to promote practice with fidelity.

**Prerequisite:** CES 67665; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 67668 MOTIVATIONAL INTERVIEWING 3 Credit Hours**

(Slashed with CES 77668) Introduction to motivational interviewing (MI), a strengths-based evidence-based practice designed to facilitate the self-directed and beneficial change of others in a variety of health behaviors. Practice of MI-consistent skills with immediate feedback, use of MI coding scheme to evaluate MI-consistency, and emphasis on continuous learning and skill-building.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 67692 PRACTICUM IN ADDICTIONS COUNSELING 3-6 Credit Hours**

(Slashed with CES 77692) Field-based experiential training and supervised practice of addictions counseling with individual and group clients. Practicum site must be approved by CES program. Individual supervision must be supplied onsite (at location of practicum) by licensed behavioral health care provider approved by CES program. Six to seven class sessions per academic term that focus on theory- and training-to-practice implementation, professional role development, ensuring ethical practice, and counselor self-care. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit results to authorized personnel at practicum site prior to first day of academic term in which practicum will take place.

**Prerequisite:** CES 67665 or CES 67666; and graduate standing.

**Schedule Type:** Lecture, Practical Experience

**Contact Hours:** 1 lecture, 14-35 other

**Grade Mode:** Standard Letter-IP

**CES 67695 SPECIAL TOPICS IN CLINICAL MENTAL HEALTH COUNSELING 1-3 Credit Hours**

(Repeatable for credit) (Slashed with CES 77695) Presentations of special interest to students. Offered irregularly. Topics will be announced in schedule of classes booklet.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Lecture

**Contact Hours:** 1-3 lecture

**Grade Mode:** Standard Letter

**CES 67698 INDIVIDUAL RESEARCH IN CLINICAL MENTAL HEALTH COUNSELING 1-9 Credit Hours**

(Repeatable for credit) Student pursues research project on selected aspect of clinical mental health counseling under supervision of instructor. Arrangements with instructor must be made prior to registration. Credit hours to be fixed at registration time.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Research

**Contact Hours:** 1-9 other

**Grade Mode:** Satisfactory/Unsatisfactory

**CES 67712 ORIENTATION AND ETHICS: CLINICAL REHABILITATION COUNSELING 3 Credit Hours**

(Slashed with CES 77712) Introductory course surveys philosophy, history and legislation in rehabilitation, which is defined as a process, social movement and public mandate. Particular emphasis is given to the role and function of the rehabilitation counselor in the private and public sectors.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 67723 MEDICAL INFORMATION FOR CLINICAL REHABILITATION COUNSELORS 3 Credit Hours**

(Slashed with CES 77723) Study of the physical impact of disease or injury on individuals; available medical and restorative resources skills in interpreting medical reports and rehabilitation planning.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 67725 PSYCHOSOCIAL IMPACT OF DISABILITY 3 Credit Hours**

(Slashed with CES 77725) Introduction to major concepts in rehabilitation regarding the impact of disability on the individual, the family and the community. Normalization stigma and adjustment to loss emphasized.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 67732 OCCUPATIONAL ASPECTS OF DISABILITY 3 Credit Hours**

(Slashed with CES 77732) An introduction to a wide range of occupational and vocational analysis through job analysis, job seeking, job placement, job restructuring, work adjustment and independent living approaches.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 67776 RESEARCH IN CLINICAL REHABILITATION COUNSELING 3 Credit Hours**

(Slashed with CES 77776) Survey of the research literature in disabilities. Guidelines for evaluating and implementing research findings. Course acquaints students with current research. Evaluation of design statistical analysis and conclusions.

**Prerequisite:** Graduate standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 other

**Grade Mode:** Standard Letter

**CES 67792 INTERNSHIP I: CLINICAL MENTAL HEALTH COUNSELING 3 Credit Hours**

(Repeatable for credit) Assignment to a mental health agency, private practice, etc. for extensive and intensive applications of clinical mental health counseling. The scope of practice for this internship is diagnosis and treatment of mental and emotional disorders.

**Prerequisite:** Clinical Mental Health Counseling major; and graduate standing; and special approval.

**Schedule Type:** Lecture, Practical Experience

**Contact Hours:** 3 lecture, 20 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**CES 67795 SPECIAL TOPICS IN CLINICAL REHABILITATION COUNSELING 1-3 Credit Hours**

(Repeatable for credit)(Slashed with CES 77795) Presentation of special interest to students. Topics vary per course offering.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Lecture

**Contact Hours:** 1-3 lecture

**Grade Mode:** Standard Letter

**CES 67796 INDIVIDUAL INVESTIGATION IN CLINICAL REHABILITATION COUNSELING 1-3 Credit Hours**

(Repeatable for credit) Independent reading and/or research directed by a graduate faculty member.

**Prerequisite:** Graduate standing.

**Schedule Type:** Individual Investigation

**Contact Hours:** 3-9 other

**Grade Mode:** Standard Letter-IP

**CES 67798 INDIVIDUAL RESEARCH IN CLINICAL REHABILITATION COUNSELING 1-6 Credit Hours**

(Repeatable for credit) Research project on an aspect of rehabilitation under supervision of an instructor. Students must make arrangements with the instructor prior to registration.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Research

**Contact Hours:** 3-18 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**CES 67820 GROUP WORK: THEORY AND TECHNIQUES 3 Credit Hours**

(Slashed with CES 77820) This is an experiential and didactic course designed to provide both an overview of groups and a basic group experience. Involvement in a group is part of this course as is practice of group leadership skills.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 67858 SEMINAR: GROUP COUNSELING 2 Credit Hours**

(Slashed with CES 77858) Study and experience of various theoretical and methodological and practical approaches to group counseling. Includes experience as counselor and participant in peer counseling group.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Seminar

**Contact Hours:** 2 other

**Grade Mode:** Standard Letter

**CES 67892 INTERNSHIP II: CLINICAL MENTAL HEALTH COUNSELING 3 Credit Hours**

(Repeatable for credit) Assignment to a mental health agency, private practice, etc. for extensive and intensive applications of clinical mental health counseling. The scope of practice for this internship is diagnosis and treatment of mental and emotional disorders.

**Prerequisite:** Clinical Mental Health Counseling major; and graduate standing; and special approval.

**Schedule Type:** Lecture, Practical Experience

**Contact Hours:** 3 lecture, 20 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**CES 68011 FOUNDATIONS OF SCHOOL COUNSELING 3 Credit Hours**

(Slashed with CES 78011) Foundation course in school counseling. Focuses on the professional identity of school counselors and other pupil service personnel and on the development of comprehensive school counseling programs.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 68066 COUNSELING ADOLESCENTS 3 Credit Hours**

(Slashed with CES 78066) A didactic and experiential seminar focusing on adolescents frequently referred to counselors. Counseling procedures, treatment plans and referral procedures for youth will be covered.

**Prerequisite:** CES 67530 and 67531; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 68067 COUNSELING CHILDREN 3 Credit Hours**

(Slashed with CES 78067) Seminar focusing on intra and interpersonal dynamics of children referred for treatment to counselors. Designed to supplement individual and group counseling skills with play media.

**Prerequisite:** CES 67530 or 77530 and 67531 or 77531; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 68068 SCHOOL COUNSELING PROGRAM MANAGEMENT AND LEADERSHIP 3 Credit Hours**

(Slashed with CES 78068) Focuses on the management, leadership and implementation of comprehensive school counseling program including developmental counseling approaches, management systems and outcome research.

**Prerequisite:** CES 68011; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 68069 ORIENTATION AND ETHICS: SCHOOL COUNSELING 3 Credit Hours**

(Slashed with CES 78069) Consideration given to issues that provide an orientation to school counseling. Examples of these issues include professional preparation standards, roles and functions of school counselors, and ethical standards and legal issues.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 68070 COLLEGE AND CAREER READINESS 3 Credit Hours**

This course will provide students with a knowledge base of the role of school counselors in college and career readiness and counseling. This course is designed to promote college and career advisement knowledge and skills to enable them to effectively work with students and stakeholders in post-secondary options.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter



**CES 68095 SPECIAL TOPICS IN SCHOOL COUNSELING 1-3 Credit Hours**

(Repeatable for credit) Presentations of special interest to students. Offered irregularly. Topics will be announced in schedule of classes booklet.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Lecture

**Contact Hours:** 1-3 lecture

**Grade Mode:** Standard Letter

**CES 68126 INTRODUCTION TO ASSESSMENT IN COUNSELING 3 Credit Hours**

(Slashed with CES 78126) Instruction and experience in utilizing observational, measurement and appraisal methods and instruments relevant to clinical mental health counseling and school counseling settings. Measurement theory and concepts related to the appraisal process are presented.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 68128 CLINICAL ASSESSMENT IN COUNSELING 3 Credit Hours**

(Slashed with CES 78128) Experience in selecting, administering and interpreting measures of personality and motivation. Primary attention will be placed on measures of psychopathology.

**Prerequisite:** CES 68126 and 67628; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 68130 PSYCHOPATHOLOGY FOR COUNSELORS 3 Credit Hours**

(Slashed with CES 78130) This course covers the etiology and treatment of various disorders covered in the current DSM system. Assessment, treatment and psychopharmacological aspects of treatment are considered.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 68167 CASE CONCEPTUALIZATION AND TREATMENT PLANNING 3 Credit Hours**

(Slashed with CES 88167) Development of understanding of more in-depth and complex counseling processes, case conceptualization and treatment planning, and advanced skills for intervention. Didactic and role-playing methods will be used.

**Prerequisite:** CES 67628 and CES 67492; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 68168 ADVANCED COUNSELING THEORIES 3 Credit Hours**

(Repeatable twice for credit) (Slashed with CES 88168) Consideration in depth of major counseling theories, with special emphasis on comparative analysis. Original readings used.

**Prerequisite:** CES 67492 with a minimum S grade; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 68182 CAREER COUNSELING 3 Credit Hours**

(Slashed with CES 78182) The world of work, theories of career choice, techniques in career counseling. An introductory course in the career area for practitioners in education, helping services, human resources and personnel.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 68192 INTERNSHIP I: SCHOOL COUNSELING 3 Credit Hours**

(Repeatable for credit) Assignment to a school for extensive and intensive applications appropriate for school counseling. A focus on the implementation of advocacy, leadership, collaboration, and systemic change is highlighted. This course meets specific CACREP standards.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Lecture, Practical Experience

**Contact Hours:** 3 lecture, 20 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**CES 68284 SUPERVISION IN COUNSELING I 3 Credit Hours**

(Repeatable twice for credit) (Slashed with CES 88284) Focuses on supervisory processes in terms of theoretical perspectives and practices of supervision. Reviews relevant literature related to the roles, functions and settings of clinical supervisor. Includes supervisory experiences.

**Prerequisite:** CES 67592 or 77592 with a minimum S grade; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 68292 INTERNSHIP II: SCHOOL COUNSELING 3 Credit Hours**

(Repeatable for credit) Assignment to a school for extensive and intensive applications appropriate for school counseling. A focus on the application of advocacy, leadership, collaboration and systemic change are highlighted in this course. This course meets specific CACREP standards.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Lecture, Practical Experience

**Contact Hours:** 2 lecture, 20 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**CES 68392 SCHOOL COUNSELING PRACTICUM 3 Credit Hours**

Students begin supervised practice of counseling with clients, primarily in a K-12 school. Direct observation, audio video recording, individual supervision, and seminar discussion are used for the development of counseling skills, strategies, and professional role. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school-agency before the first day of the semester in which the practicum will take place.

**Prerequisite:** CES 67530 and CES 67531 and CES 67820 and CES 68069; and graduate standing.

**Schedule Type:** Practical Experience

**Contact Hours:** 20 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**CES 68529 COUPLES THERAPY:THEORY AND TECHNIQUES 3 Credit Hours**

(Slashed with CES 78529) Study of selected couples therapy theories. Focus on concepts and techniques and their application in the therapeutic setting.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 68533 FAMILY THERAPY: THEORY AND TECHNIQUES 3 Credit Hours**

(Slashed with CES 78533) Explores systemic family therapy utilizing various philosophical orientations, theoretical concepts and techniques in a didactic experiential and applied atmosphere.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 68538 ADVANCED MULTICULTURAL COUNSELING 3 Credit Hours**

(Slashed with CES 78538) This course is designed to assist helping professionals in enhancing the knowledge and skill components of multicultural counseling. Cultural and multicultural counseling experiences with constructive feedback are provided.

**Prerequisite:** CES 67580 or CES 77580 and CES 67531 or CES 77531; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 69192 PRACTICUM: CLINICAL REHABILITATION COUNSELING 3 Credit Hours**

(Repeatable for credit) Supervised, controlled exposure to rehabilitation clients; examine alternative modes of intervention; group and individual feedback sessions using audio and videotape recordings.

**Prerequisite:** CES 67492 and CES 67628 and CES 67725; and graduate standing.

**Schedule Type:** Practical Experience

**Contact Hours:** 16 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**CES 69792 INTERNSHIP IN CLINICAL REHABILITATION COUNSELING 6 Credit Hours**

(Repeatable for credit) Assignment to rehabilitation agency for extensive and intensive applications appropriate for rehabilitation counseling, consulting and coordinating. Supervision of internships shared jointly by rehabilitation agency and university instructor.

**Prerequisite:** CES 69192; and graduate standing.

**Schedule Type:** Practical Experience

**Contact Hours:** 43 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**CES 70093 VARIABLE TITLE WORKSHOP IN COUNSELOR EDUCATION AND SUPERVISION 1-4 Credit Hours**

(Repeatable for credit) (Slashed with CES 50093) Workshops and training laboratories in various aspects of counseling, guidance and personnel services for counselors, supervisors, administrators and paraprofessionals. Prospective enrollees not currently admitted to graduate school may obtain special admission for graduate credit in a workshop. Topics are announced in brochures of College of Continuing Studies. Limit of 6 hours with adviser's permission toward any degree program.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Workshop

**Contact Hours:** 1-4 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**CES 70193 VARIABLE TITLE WORKSHOP IN CLINICAL REHABILITATION COUNSELING 1-4 Credit Hours**

(Repeatable for credit)(Slashed with CES 60193) Variable topic workshop designed to respond to emerging or specialized needs in clinical rehabilitation counseling.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Workshop

**Contact Hours:** 1-4 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**CES 77530 COUNSELING THEORIES 3 Credit Hours**

(Slashed with CES 67530) A survey of counseling practice that examines the nature of counseling process and relationships as described from major theoretical perspectives.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 77531 COUNSELING SKILLS AND TECHNIQUES 3 Credit Hours**

(Slashed with CES 67531) Didactic and experiential training in basic interviewing and counseling techniques prepares the student for practicum through role playing, videotaped feedback and simulation.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 77580 MULTICULTURAL COUNSELING 3 Credit Hours**

(Slashed with CES 67580) Seminar focused on sensitivities needed to work effectively with diverse clients. Consideration given to racism, oppression, poverty, ageism, gender and relational affinity.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 77584 WRITING FOR PROFESSIONAL PUBLICATIONS 3 Credit Hours**

Seminar experience designed to prepare professionals to publish research findings, conceptualizations and professional field experiences in refereed journals and books. Elements of grant writing also treated.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 77592 PRACTICUM II: CLINICAL MENTAL HEALTH COUNSELING 3 Credit Hours**

(Repeatable for credit) (Slashed with CES 67592) Involves individual counseling and group work with appropriate populations. Caseload geared toward preparation for internship. Controlled registration.

**Prerequisite:** CES 77628; and doctoral standing.

**Schedule Type:** Practical Experience

**Contact Hours:** 16 other

**Grade Mode:** Standard Letter

**CES 77628 DIAGNOSIS IN COUNSELING 3 Credit Hours**

(Slashed with CES 67628) Students develop diagnostic skills in interviewing and use of appropriate nosology in counseling diagnosis.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 77662 FOUNDATIONS OF ADDICTIONS COUNSELING 3 Credit Hours**

(Slashed with CES 67662) Introduction to fundamental concepts and recommended practices in addictions counseling, including pharmacology, screening and assessment, facilitating individual and group services, and ethical and legal considerations. Meets minimum training requirements for State of Ohio credentialing eligibility as a chemical dependency counselor assistant.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 77663 ORIENTATION AND ETHICS: CLINICAL MENTAL HEALTH COUNSELING 3 Credit Hours**

(Slashed with CES 67663) Attention is given to the identity, ethics, professional standards and organizations and employment settings of the clinical mental health counselor. Models of problem definition, administrative structure and service delivery are explored.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 77664 THEORIES AND PRACTICES IN ADDICTIONS COUNSELING 3 Credit Hours**

(Slashed with CES 77664) Review of historical and contemporary theories and models of addiction (e.g., disease, behavioral, public health, family systems), as well as recommended practices in addictions counseling. Pharmacology and sociocultural factors emphasized. Implications for prevention, treatment, and policy are considered.

**Prerequisite:** CES 67662 or CES 77662; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 77665 TREATMENT PLANNING IN ADDICTIONS COUNSELING 3 Credit Hours**

(Slashed with CES 67665) Assessment and diagnosis of substance use disorders, and formulation of comprehensive and individualized care plans. Consideration of client dimensions and appropriate care levels, and emphasis on collaborative, coordinated, and ethical care.

**Prerequisite:** CES 67664 or CES 77664; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 77666 EVIDENCE-BASED PRACTICES IN ADDICTIONS COUNSELING 3 Credit Hours**

(Slashed with CES 67666) Intensive study of a select number of evidence-based practices (EBPs) in addictions counseling for individuals, groups, and families, including cognitive-behavioral and systems and family approaches. Didactic and experiential training methods used to promote practice with fidelity.

**Prerequisite:** CES 77665; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 77668 MOTIVATIONAL INTERVIEWING 3 Credit Hours**

(Slashed with CES 67668) Introduction to motivational interviewing (MI), a strengths-based evidence-based practice designed to facilitate the self-directed and beneficial change of others in a variety of health behaviors. Practice of MI-consistent skills with immediate feedback, use of MI coding scheme to evaluate MI-consistency, and emphasis on continuous learning and skill-building.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 77692 PRACTICUM IN ADDICTIONS COUNSELING 3-6 Credit Hours**

(Slashed with CES 67692) Field-based experiential training and supervised practice of addictions counseling with individual and group clients. Practicum site must be approved by CES program. Individual supervision must be supplied onsite (at location of practicum) by licensed behavioral health care provider approved by CES program. Six to seven class sessions per academic term that focus on theory- and training-to-practice implementation, professional role development, ensuring ethical practice, and counselor self-care. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit results to authorized personnel at practicum site prior to first day of academic term in which practicum will take place.

**Prerequisite:** CES 67665 or CES 77665 or CES 67666 or CES 77666; and doctoral standing; and special approval.

**Schedule Type:** Lecture, Practical Experience

**Contact Hours:** 1 lecture, 14-35 other

**Grade Mode:** Standard Letter-IP

**CES 77695 SPECIAL TOPICS IN CLINICAL MENTAL HEALTH COUNSELING 1-3 Credit Hours**

(Repeatable for credit) (Slashed with CES 67695) Presentations of special interest to students. Offered irregularly. Topics will be announced in schedule of classes booklet.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Lecture

**Contact Hours:** 1-3 lecture

**Grade Mode:** Standard Letter

**CES 77712 ORIENTATION AND ETHICS: CLINICAL REHABILITATION COUNSELING 3 Credit Hours**

(Slashed with CES 67712) Introductory course surveys philosophy, history and legislation in rehabilitation, which is defined as a process, social movement and public mandate. Particular emphasis is given to the role and function of the rehabilitation counselor in the private and public sectors.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 77723 MEDICAL INFORMATION FOR CLINICAL REHABILITATION COUNSELORS 3 Credit Hours**

(Slashed with CES 67723) Study of the physical impact of disease or injury on individuals; available medical and restorative resources skills in interpreting medical reports and rehabilitation planning.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 77725 PSYCHOSOCIAL IMPACT OF DISABILITY 3 Credit Hours**

(Slashed with CES 67725) Introduction to major concepts in rehabilitation regarding the impact of disability on the individual, the family and the community. Normalization stigma and adjustment to loss emphasized.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 77732 OCCUPATIONAL ASPECTS OF DISABILITY 3 Credit Hours**

(Slashed with CES 67732) An introduction to a wide range of occupational and vocational analysis through job analysis, job seeking, job placement, job restructuring, work adjustment and independent living approaches.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 77776 RESEARCH IN CLINICAL REHABILITATION COUNSELING 3 Credit Hours**

(Slashed with CES 67776) Survey of the research literature in disabilities. Guidelines for evaluating and implementing research findings. Course acquaints students with current research. Evaluation of design statistical analysis and conclusions.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 other

**Grade Mode:** Standard Letter

**CES 77795 SPECIAL TOPICS IN CLINICAL REHABILITATION COUNSELING 1-3 Credit Hours**

(Repeatable for credit)(Slashed with CES 67795) Presentation of special interest to students. Topics vary per course offering.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Lecture

**Contact Hours:** 1-3 lecture

**Grade Mode:** Standard Letter

**CES 77796 INDIVIDUAL INVESTIGATION IN CLINICAL REHABILITATION COUNSELING 1-3 Credit Hours**

(Repeatable for credit) Independent reading and/or research directed by a graduate faculty member.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Individual Investigation

**Contact Hours:** 1-3 other

**Grade Mode:** Standard Letter-IP

**CES 77798 INDIVIDUAL RESEARCH IN CLINICAL REHABILITATION COUNSELING 1-6 Credit Hours**

(Repeatable for credit) Research project on an aspect of rehabilitation under supervision of an instructor. Students must make arrangements with the instructor prior to registration.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Research

**Contact Hours:** 3-18 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**CES 77820 GROUP WORK: THEORY AND TECHNIQUES 3 Credit Hours**

(Slashed with CES 67820) This is an experiential and didactic course designed to provide both an overview of groups and a basic group experience. Involvement in a group is part of this course as is practice of group leadership skills.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 77858 SEMINAR: GROUP COUNSELING 2 Credit Hours**

(Slashed with CES 67858) Study and experience of various theoretical and methodological and practical approaches to group counseling. Includes experience as counselor and participant in peer counseling group.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Seminar

**Contact Hours:** 3 other

**Grade Mode:** Standard Letter

**CES 78011 FOUNDATIONS OF SCHOOL COUNSELING 3 Credit Hours**

(Slashed with CES 68011) Foundation course in school counseling. Focuses on the professional identity of school counselors and other pupil service personnel and on the development of comprehensive school counseling program.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 78066 COUNSELING ADOLESCENTS 3 Credit Hours**

(Slashed with CES 68066) A didactic and experiential seminar focusing on adolescents frequently referred to counselors. Counseling procedures, treatment plans and referral procedures for youth will be covered.

**Prerequisite:** CES 67530 or CES 77530 and CES 67531 or CES 77531; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 78067 COUNSELING CHILDREN 3 Credit Hours**

(Slashed with CES 68067) Seminar focusing on intra and interpersonal dynamics of children referred for treatment to counselors. Designed to supplement individual and group counseling skills with play media.

**Prerequisite:** CES 67530 or CES 77530 and CES 67531 or CES 77531; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 78068 SCHOOL COUNSELING PROGRAM MANAGEMENT AND LEADERSHIP 3 Credit Hours**

(Slashed with CES 68068) Focuses on the management, leadership and implementation of comprehensive school counseling program including developmental counseling approaches, management systems and outcome research.

**Prerequisite:** CES 68011 or CES 78011; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 78069 ORIENTATION AND ETHICS: SCHOOL COUNSELING 3 Credit Hours**

(Slashed with CES 68069) Consideration given to issues that provide an orientation to school counseling. Examples of these issues include professional preparation standards roles and functions of school counselors and ethical standards and legal issues.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 78126 INTRODUCTION TO ASSESSMENT IN COUNSELING 3 Credit Hours**

(Slashed with CES 68126) Instruction and experience in utilizing observational, measurement and appraisal methods and instruments relevant to clinical mental health counseling and school counseling settings. Measurement theory and concepts related to the appraisal process are presented.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 78128 CLINICAL ASSESSMENT IN COUNSELING 3 Credit Hours**

(Slashed with CES 68128) A laboratory experience in selecting, administering and interpreting measures of personality and motivation. Primary attention will be placed on measures of psychopathology.

**Prerequisite:** CES 68126 or CES 78126; and CES 67628 or CES 77628; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 78130 PSYCHOPATHOLOGY FOR COUNSELORS 3 Credit Hours**

(Slashed with CES 68130) This course covers the etiology and treatment of various disorders covered in the current DSM system. Assessment, treatment, and psychopharmacological aspects of treatment are considered.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 78182 CAREER COUNSELING 3 Credit Hours**

(Slashed with CES 68182) The world of work, theories of career choice, techniques in career counseling. An introductory course in the career area for practitioners in education, helping services, human resources and personnel.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 78529 COUPLES THERAPY:THEORY AND TECHNIQUES 3 Credit Hours**

(Slashed with CES 68529) Study of selected couples therapy theories. Focus on concepts and techniques and their application in the therapeutic setting.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 78533 FAMILY THERAPY: THEORY AND TECHNIQUES 3 Credit Hours**

(Slashed with CES 68533) Explores systemic family therapy utilizing various philosophical orientations, theoretical concepts and techniques in a didactic experiential and applied atmosphere.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 78538 ADVANCED MULTICULTURAL COUNSELING 3 Credit Hours**

(Slashed with CES 68538) This course is designed to assist helping professionals in enhancing the knowledge and skill components of multicultural counseling. Cultural and multicultural counseling experiences with constructive feedback are provided.

**Prerequisite:** CES 67580 or CES 77580; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 78592 PRACTICUM IN COUPLES AND FAMILY THERAPY 3 Credit Hours**

(Repeatable for credit) Supervised experience in the practice of couples and family counseling. Students meet for individual supervision and seminar groups to assess their effectiveness in helping relationships.

**Prerequisite:** Doctoral standing in Counselor Education and Supervision major; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 14 other

**Grade Mode:** Standard Letter

**CES 79192 PRACTICUM II: CLINICAL REHABILITATION COUNSELING 3 Credit Hours**

Supervised, controlled exposure to rehabilitation clients; examine alternative modes of intervention; group and individual feedback sessions using audio and videotape recordings.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Practical Experience

**Contact Hours:** 16 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**CES 79792 INTERNSHIP IN CLINICAL REHABILITATION COUNSELING**  
**6 Credit Hours**

(Repeatable for credit) Assignment to rehabilitation agency for extensive and intensive applications appropriate for rehabilitation counseling, consulting and coordinating. Supervision of internships shared jointly by rehabilitation agency and university instructor.

**Prerequisite:** CES 69192 or CES 79192; and doctoral standing.

**Schedule Type:** Practical Experience

**Contact Hours:** 43 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**CES 80090 DOCTORAL RESIDENCY SEMINAR IN COUNSELOR EDUCATION AND SUPERVISION** 3 Credit Hours

Focus on professional identity, current issues and trends and involvement in professional activities.

**Prerequisite:** Doctoral standing in Counselor Education and Supervision major.

**Schedule Type:** Seminar

**Contact Hours:** 3 other

**Grade Mode:** Standard Letter

**CES 80199 DISSERTATION I** 15 Credit Hours

(Repeatable for credit) Doctoral candidates work on dissertation research in consultation with their advisors. Doctoral candidates will register for two consecutive semesters of CES 80199 Dissertation I for 15 hours each semester, immediately following successful completion of doctoral comprehensive exams. Thereafter, students will register for CES 80299 Dissertation II each semester, including summer, until all degree requirements have been met.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Dissertation

**Contact Hours:** 15 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**CES 80200 FUNDAMENTALS OF WRITING AND RESEARCH IN COUNSELOR EDUCATION AND SUPERVISION** 3 Credit Hours

Didactic and experiential training in the fundamentals of academic or scholarly writing and research in the counseling profession. Emphasis on reading practices; elements, principles, and processes of academic or scholarly writing; and generativity and systematic methodology in applied research in counseling and counselor education and supervision.

**Prerequisite:** Doctoral standing in the Counselor Education and Supervision major.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 80299 DISSERTATION II** 15 Credit Hours

(Repeatable for credit) Continuing registration required of doctoral students who have completed the initial 30 hours of Dissertation I and continuing until all degree requirements are met. Satisfactory/unsatisfactory (S/U) graded. In-progress (IP) mark permissible.

**Prerequisite:** CES 80199; and doctoral standing.

**Schedule Type:** Dissertation

**Contact Hours:** 15 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**CES 80300 LEADERSHIP AND ADVOCACY IN COUNSELOR EDUCATION AND SUPERVISION** 3 Credit Hours

This course is designed to assist doctoral level CES students to become knowledgeable and skillful professionals in leadership and advocacy efforts. Students will learn aspects of leadership and advocacy, such as applications in various settings and with diverse populations, to enable them to develop ethical and culturally relevant practices. Students must have completed one semester in the Counselor Education and Supervision doctoral program to enroll in this course.

**Prerequisite:** Doctoral standing in the Counselor Education and Supervision major.

**Schedule Type:** Seminar

**Contact Hours:** 3 other

**Grade Mode:** Standard Letter

**CES 87392 ADVANCED INDIVIDUAL COUNSELING PRACTICUM** 3 Credit Hours

(Repeatable for credit) Supervised experience in counseling. Students meet for individual supervision and in seminar groups to assess their effectiveness in helping relationships.

**Prerequisite:** Doctoral standing in the Counselor Education and Supervision major.

**Schedule Type:** Practical Experience

**Contact Hours:** 14 other

**Grade Mode:** Standard Letter

**CES 87595 SPECIAL TOPICS IN COUNSELOR EDUCATION AND SUPERVISION** 1-3 Credit Hours

(Repeatable for credit) Presentation of topics of special interest to students in counselor education and supervision. Offered irregularly. Topics will be announced in schedule of classes booklet.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Lecture

**Contact Hours:** 1-3 lecture

**Grade Mode:** Standard Letter

**CES 87596 INDIVIDUAL INVESTIGATION IN COUNSELOR EDUCATION AND SUPERVISION** 1-3 Credit Hours

(Repeatable for credit) (Slashed with CES 67596) Student investigates one or more topics in counseling under supervision. Review selected literature beyond normal course coverage. Arrangements with instructor must be made prior to registration.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Individual Investigation

**Contact Hours:** 1-3 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**CES 88167 CASE CONCEPTUALIZATION AND TREATMENT PLANNING** 3 Credit Hours

(Slashed with CES 68167) Development of understanding of more in-depth and complex counseling processes, case conceptualization and treatment planning, and advanced skills for intervention. Didactic and role-playing methods will be used.

**Prerequisite:** CES 67628 or CES 77628; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 88168 ADVANCED COUNSELING THEORIES 3 Credit Hours**

(Repeatable twice for credit) (Slashed with CES 68168) Consideration in depth of major counseling theories, with special emphasis on comparative analysis. Original readings used.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 88281 RESEARCH SEMINAR IN COUNSELOR EDUCATION AND SUPERVISION 3 Credit Hours**

Topics or problems of current concern in counselor education and supervision services. Review of significant studies, design strategies, instrumentation, data analysis and research issues. Topic to be announced in schedule of classes booklet.

**Prerequisite:** CES 80200, EVAL 75510, EVAL 85515 and EVAL 85516; and doctoral standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 other

**Grade Mode:** Standard Letter

**CES 88284 SUPERVISION IN COUNSELING I 3 Credit Hours**

(Repeatable twice for credit) (Slashed with CES 68284) This seminar focuses on supervisory processes in terms of theoretical perspectives and practices of supervision. Reviews relevant literature related to the roles, functions and settings of clinical supervisor. Includes supervisory experiences.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 88292 INTERNSHIP IN COUNSELOR EDUCATION AND SUPERVISION 3-6 Credit Hours**

(Repeatable for credit) Opportunity to integrate learning and skills in Counseling, Teaching, Research and Scholarship, Leadership, and Supervision. Each experience requires supervision. Completion of program course requirements is necessary prior to registration. Limited to 12 students.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Practical Experience, Seminar

**Contact Hours:** 23-46 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**CES 88294 COLLEGE TEACHING IN COUNSELOR EDUCATION AND SUPERVISION I 3 Credit Hours**

(Repeatable for credit) An overview of teaching counseling at a graduate college level. The course consists of foundations, structural, and process components of college teaching. Students will be involved in activities that address each of these areas. Students will develop a reflective process that will support continual improvement in teaching.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CES 88298 INDIVIDUAL RESEARCH IN COUNSELOR EDUCATION AND SUPERVISION 1-3 Credit Hours**

(Repeatable for credit) Individual research on selected aspect of counseling and human development services under supervision of instructor. Arrangements with instructor must be made prior to registration. Satisfactory/unsatisfactory (S/U) graded.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Research

**Contact Hours:** 1-3 other

**Grade Mode:** Satisfactory/Unsatisfactory

**CES 88392 COLLEGE TEACHING IN COUNSELOR EDUCATION AND SUPERVISION II 3 Credit Hours**

(Repeatable for credit) Supervised experience in the practice of college teaching in Counselor Education and Supervision. Students will teach a master's level course in Counselor Education and Supervision and then meet for group supervision to assess their effectiveness in college teaching. Live and recorded supervisory processes will be utilized to assist with skill development.

**Prerequisite:** CES 88294; and doctoral standing.

**Schedule Type:** Practical Experience

**Contact Hours:** 9 other

**Grade Mode:** Standard Letter

**CES 88492 SUPERVISION IN COUNSELING II 3 Credit Hours**

(Repeatable for credit) This practicum focuses on the application of theoretical perspectives and practices of counseling supervision. It includes multiple supervisory experiences, including facilitation of individual and group supervision of counseling students in master's practicums or internships.

**Prerequisite:** CES 88284; and doctoral standing in the Counselor Education and Supervision major.

**Schedule Type:** Practical Experience

**Contact Hours:** 9 other

**Grade Mode:** Standard Letter

**Educational Psychology (EPSY)****EPSY 29525 EDUCATIONAL PSYCHOLOGY 3 Credit Hours**

Examines major theories of human development and learning, motivation, instructional strategies, assessment; similarities and differences in learners. The role of factors in the students' learning and development is considered. Participation in the educational psychology research participant pool or an alternative research assignment is required.

**Prerequisite:** CULT 29535.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**Attributes:** TAG Education

**EPSY 49525 RELATIONAL LEARNING IN EDUCATION 3 Credit Hours**

(Repeatable for credit) Seminar focuses on national and international relational learning approaches to education. Current literature on relational learning is critiqued. Professional identity is supported through engages learning opportunities in per mentoring experiences and faculty-let research. Course may be repeated for maximum 9 credit hours.

**Prerequisite:** Special approval.

**Schedule Type:** Seminar

**Contact Hours:** 3 other

**Grade Mode:** Standard Letter

**EPSY 50093 VARIABLE TITLE WORKSHOP IN EDUCATIONAL PSYCHOLOGY 1-4 Credit Hours**

(Repeatable for a maximum of 6 credit hours) (Slashed with EPSY 70093)  
Offered on request of school system. Enrollment limited to teachers, administrators or supervisors who are employed in sponsoring system and who are accepted to the university.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Workshop

**Contact Hours:** 1-4 other

**Grade Mode:** Satisfactory/Unsatisfactory

**EPSY 63531 CURRICULUM DEVELOPMENT FOR GIFTED LEARNERS 3 Credit Hours**

Focus on design/development of curriculum for gifted learners; adapt/modify existing curricula; design curricular materials through predetermined process assessment of suitability of materials.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EPSY 63532 GIFTED PROGRAM DESIGN, ASSESSMENT AND ADMINISTRATION 3 Credit Hours**

Fundamentals of designing gifted programs are reviewed. Topics include student identification, assessment, advocacy, program evaluation, compliance with state standards, and teacher preparation.

**Prerequisite:** EPSY 63540 and EPSY 63545; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EPSY 63535 SOCIAL AND EMOTIONAL ASPECTS OF THE GIFTED AND SPECIAL SUBPOPULATIONS 3 Credit Hours**

The affective needs and characteristics of gifted learners and special subpopulations are examined with consideration of the implications for instruction and socio-emotional supports.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EPSY 63540 NATURE AND NEEDS OF GIFTED 3 Credit Hours**

Personal characteristics, abilities and potentialities of gifted through review of related research. Evaluation of research findings and implications for psycho-educational development.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EPSY 63545 INSTRUCTIONAL PROCESSES FOR GIFTED CHILDREN 3 Credit Hours**

Education and guidance of gifted students, K-12. Classroom strategies for instruction and accommodation including selection of appropriate instructional strategies.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EPSY 64892 ADVANCED PRACTICUM: GIFTED AND TALENTED EDUCATION 3 Credit Hours**

This course is designed to provide an opportunity to practice skills and demonstrate appropriate dispositions for meeting the needs of students who are gifted and talented.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 9 other

**Grade Mode:** Standard Letter-IP

**EPSY 65520 CHILD AND ADOLESCENT DEVELOPMENT 3 Credit Hours**

(Slashed with EPSY 75520) Dimensions of human development and learning, causal factors and research findings which carry implications for educators in various settings; focusing on birth through adolescence.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EPSY 65521 ADULT DEVELOPMENT 3 Credit Hours**

(Slashed with EPSY 75521) Essential dimensions of human development and learning, the causal factors and the research findings which carry implications for educators in various settings; focusing on early through late adulthood.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EPSY 65523 LIFE SPAN DEVELOPMENT 3 Credit Hours**

(Slashed with EPSY 75523) Orientation to human development across life span from conception to death; emphasis on pluralistic determinants of individual growth within changing environmental contexts. Implications for educational and human service practices are emphasized.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EPSY 65524 LEARNING THEORIES 3 Credit Hours**

(Slashed with EPSY 75524) Theories of learning with special emphasis on application to professional practice. A critical examination of research on human learning processes.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EPSY 65529 EDUCATIONAL MOTIVATION 3 Credit Hours**

Provides students with the opportunity to explore, analyze and evaluate literature related to theories of motivation. Content is grounded in theories but each of the theories has clear classroom application.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter



**EPSY 68901 PSYCHOLOGICAL FOUNDATIONS OF EDUCATION 3 Credit Hours**

(Slashed with EPSY 78901) Overview of human development, particularly adolescence, and implications for educational policy and programming, generally and specifically for secondary schools.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EPSY 68905 EDUCATIONAL PSYCHOLOGY 3 Credit Hours**

(Slashed with EPSY 78905) Analysis and critique of major learning theories, state-of-the-art development in theory, research and application to educational practice in selected disciplines.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EPSY 69091 SEMINAR IN LEARNING AND DEVELOPMENT 1-5 Credit Hours**

(Repeatable for credit) Variable topic seminar for advanced study of specialized topics and areas; in learning and development; emphasis on theory and research findings as related to educational practice.

**Prerequisite:** Graduate standing.

**Schedule Type:** Seminar

**Contact Hours:** 1-5 other

**Grade Mode:** Standard Letter

**EPSY 69092 ADVANCED PRACTICUM AND INTERNSHIP 1-6 Credit Hours**

Supervised program in field setting involving application of theories, principles, and methodology in learning and development; planned with and supervised by graduate faculty member.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 3.333-20 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**EPSY 69095 SPECIAL TOPICS IN LEARNING AND DEVELOPMENT 1-3 Credit Hours**

(Repeatable for credit) Specific topic course offering in response to emerging student or program needs in learning and development.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 1-3 lecture

**Grade Mode:** Standard Letter

**EPSY 69096 INDIVIDUAL INVESTIGATION IN LEARNING AND DEVELOPMENT 1-3 Credit Hours**

(Repeatable for credit) Students pursue an individual project on a specific topic in learning and development with approval and under direction of instructor.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Individual Investigation

**Contact Hours:** 1-3 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**EPSY 69098 RESEARCH IN LEARNING AND DEVELOPMENT 1-15 Credit Hours**

(Repeatable for credit) Students pursue an individual research project on a specific topic in learning and development with approval and under direction of instructor.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Research

**Contact Hours:** 1-15 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**EPSY 70093 VARIABLE TOPIC WORKSHOP IN EDUCATIONAL PSYCHOLOGY 1-4 Credit Hours**

(Repeatable once for a maximum of 6 credit hours) (Cross-listed with EPSY 50093) Offered on request of school system. Enrollment limited to teachers, administrators or supervisors who are employed in sponsoring system and who are accepted to the university.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Workshop

**Contact Hours:** 1-4 other

**Grade Mode:** Satisfactory/Unsatisfactory

**EPSY 70094 COLLEGE TEACHING 3 Credit Hours**

(Repeatable for credit) Discusses major aspects of teaching in higher education, including such topics as students' philosophy of teaching, principles of adult learning, instructional strategies, students' assessment.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EPSY 75520 CHILD AND ADOLESCENT DEVELOPMENT 3 Credit Hours**

(Slashed with EPSY 65520) Dimensions of human development and learning, causal factors and research findings which carry implications for educators in various settings; focusing on birth through adolescence.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EPSY 75521 ADULT DEVELOPMENT 3 Credit Hours**

(Slashed with EPSY 65521) Essential dimensions of human development and learning, the causal factors and the research findings which carry implications for educators in various settings; focusing on early through late adulthood.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EPSY 75523 LIFE SPAN DEVELOPMENT 3 Credit Hours**

(Slashed with EPSY 65523) Orientation to human development across life span from conception to death; emphasis on pluralistic determinants of individual growth within changing environmental contexts. Implications for educational and human service practices are emphasized.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EPSY 75524 LEARNING THEORIES 3 Credit Hours**

(Slashed with EPSY 65524) Theories of learning with special emphasis on application to professional practice. A critical examination of research on human learning processes.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EPSY 75529 EDUCATIONAL MOTIVATION 3 Credit Hours**

Provides students with the opportunity to explore, analyze and evaluate literature related to theories of motivation. Content is grounded in theories but each of the theories has clear classroom application.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EPSY 78901 PSYCHOLOGICAL FOUNDATIONS OF EDUCATION 3 Credit Hours**

(Slashed with EPSY 68901) Overview of human development and its implications for educational policy and programming for schools.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EPSY 78905 EDUCATIONAL PSYCHOLOGY 3 Credit Hours**

(Slashed with EPSY 68905) Analysis and critique of major learning theories, state-of-the-art development in theory, research and application to educational practice in selected disciplines.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EPSY 80090 DOCTORAL RESIDENCY SEMINAR 3 Credit Hours**

Advanced doctoral residency seminar for students in all areas of educational foundations. Focus on current and emergent issues research and trends in education in multiple settings.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 other

**Grade Mode:** Standard Letter

**EPSY 87450 PSYCHOLOGICAL PRINCIPLES OF EDUCATION 3 Credit Hours**

Provides an exploration of educational psychology as the study of learning and teaching, in particular the mental representations and processes involved in the acquisition, storage, retrieval and use of knowledge in educational settings. Discusses how research and theory in educational psychology can be applied to real world classroom problems. Students are also required to develop a research project, which utilizes technology to test psychological theories about learning and instruction.

**Prerequisite:** Doctoral standing.

**Corequisite:** ETEC 87450.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EPSY 89091 SEMINAR IN LEARNING AND DEVELOPMENT 1-5 Credit Hours**

(Repeatable for credit) Variable topic seminar for advanced study of specialized topics and areas; in learning and development; emphasis on theory and research findings as related to educational practice.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Seminar

**Contact Hours:** 1-5 other

**Grade Mode:** Standard Letter

**EPSY 89092 ADVANCED PRACTICUM AND INTERNSHIP 1-6 Credit Hours**

Supervised program in field setting involving application of theories, principles, and methodology in learning and development; planned with and supervised by graduate faculty member.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Practical Experience

**Contact Hours:** 3.333-20 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**EPSY 89095 SPECIAL TOPICS IN LEARNING AND DEVELOPMENT 1-3 Credit Hours**

(Repeatable for credit) Specific topic course offering in response to emerging student or program needs in learning and development.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 1-3 lecture

**Grade Mode:** Standard Letter

**Gerontology (GERO)****GERO 14029 INTRODUCTION TO GERONTOLOGY (DIVD) (KSS) 3 Credit Hours**

Interdisciplinary approach to the study of the aging process.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**Attributes:** Diversity Domestic, Kent Core Social Sciences, Transfer Module Social Sciences

**GERO 40656 PSYCHOLOGY OF AGING 3 Credit Hours**

(Slashed with GERO 50656 and GERO 70656) Exploration of basic research and theory on the psychological consequences of aging and psychological factors that affect the behavior of older persons.

**Prerequisite:** PSYC 11762.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**GERO 41095 SPECIAL TOPICS IN GERONTOLOGY 1-4 Credit Hours**

(Repeatable for credit) (Slashed with GERO 51095) Discussion of a major topic within a specific field of gerontology.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 1-4 lecture

**Grade Mode:** Standard Letter

**GERO 41096 INDIVIDUAL INVESTIGATION 1-3 Credit Hours**

(Repeatable for credit) Independent study in gerontology.

**Prerequisite:** Written permission from instructor.

**Schedule Type:** Individual Investigation

**Contact Hours:** 1-3 other

**Grade Mode:** Standard Letter

**GERO 44030 ADULT DEVELOPMENT AND AGING (WIC) 3 Credit Hours**

(Slashed with GERO 54030) Examines developmental processes across adulthood. Evaluation of theoretical models and scientific literature.

**Prerequisite:** Admission into the HDFs Professional Phase.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**Attributes:** Writing Intensive Course

**GERO 44031 SOCIAL POLICY AND COMMUNITY RESOURCES FOR OLDER ADULTS 3 Credit Hours**

Overview of national, state and local public policy affecting older adults. Legislation, funding, planning and the service delivery system are examined.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**GERO 44092 PRACTICUM IN GERONTOLOGY (ELR) 3-6 Credit Hours**

(Repeatable for a total of 6 credit hours) Observation and participation in long-term care or community agencies serving older adults. One class discussion per week. Major GPA of 2.250 required.

**Prerequisite:** HDF 44018; and human development and family studies majors; and senior standing; and special approval.

**Schedule Type:** Lecture, Practical Experience

**Contact Hours:** 1 lecture, 14-35 other

**Grade Mode:** Standard Letter

**Attributes:** Experiential Learning Requirement

**GERO 50656 PSYCHOLOGY OF AGING 3 Credit Hours**

(Slashed with GERO 40656 and GERO 70656) Exploration of basic research and theory on the psychological consequences of aging and psychological factors that affect the behavior of older persons.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**GERO 51095 SPECIAL TOPICS IN GERONTOLOGY 1-4 Credit Hours**

(Repeatable for credit) (Slashed with GERO 41095) Discussion of a major topic or topics within the field of gerontology.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 1-4 lecture

**Grade Mode:** Standard Letter

**GERO 51096 INDIVIDUAL INVESTIGATION IN GERONTOLOGY 1-3 Credit Hours**

(Repeatable for credit) Independent study in the area of gerontology.

**Prerequisite:** Graduate standing.

**Schedule Type:** Individual Investigation

**Contact Hours:** 1-3 other

**Grade Mode:** Standard Letter

**GERO 54030 ADULT DEVELOPMENT AND AGING 3 Credit Hours**

(Slashed with GERO 44030) Examines developmental processes across adulthood. Evaluation of theoretical models and scientific literature.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**GERO 61091 SEMINAR IN GERONTOLOGY 1-3 Credit Hours**

(Repeatable for credit) Seminar dealing with topics in the field of gerontology.

**Prerequisite:** Graduate standing.

**Schedule Type:** Seminar

**Contact Hours:** 1-3 other

**Grade Mode:** Standard Letter

**GERO 61191 INTERDISCIPLINARY SEMINAR IN GERONTOLOGY 3 Credit Hours**

(Repeatable for credit) Course is designed to assist students in developing the knowledge and skills needed to understand the major issues in gerontological theory, research and practice from a multi-disciplinary perspective.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Seminar

**Contact Hours:** 3 other

**Grade Mode:** Standard Letter

**GERO 70656 PSYCHOLOGY OF AGING 3 Credit Hours**

(Slashed with GERO 40656 and GERO 50656) Exploration of basic research and theory on the psychological consequences of aging and psychological factors that affect the behavior of older persons.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**Human Development and Family Science (HDF)****HDF 14027 INTRODUCTION TO HUMAN DEVELOPMENT AND FAMILY SCIENCE 3 Credit Hours**

This course is intended to introduce students to the study of lifespan development and family science. Career opportunities available to human development and family science graduates are explored and skills required to succeed in the field are introduced.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HDF 24011 INTERPERSONAL RELATIONSHIPS AND FAMILIES (DIVD) 3 Credit Hours**

(Cross-listed with SOC 24011) Exploration of the sociological nature of families across the lifespan, focusing on structure, diversity and life course processes such as dating, mate selection, cohabitation, marriage, parenthood, divorce, remarriage, singlehood, widowhood, parent-child interactions, sexual orientation, inequality and difference.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**Attributes:** Diversity Domestic

**HDF 24012 CHILD DEVELOPMENT 3 Credit Hours**

General development of the child from prenatal through middle childhood.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HDF 24013 EARLY ADOLESCENCE 3 Credit Hours**

Examines the fundamental transitions, social contexts and psychosocial processes involved in human development from ages 10 through 15. Implications for working with this age group within schools, human services agencies and youth development programs.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HDF 24014 BRIDGING CROSS-NATIONAL RELATIONSHIPS FOR INDIVIDUALS AND FAMILIES 3 Credit Hours**

This an interactive course designed to promote students' intercultural competence. The course provides students with an introduction to key components of various cultures around the world and with skills with which to build effective relationships with individuals from countries others than their own.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HDF 24095 SPECIAL TOPICS IN HUMAN DEVELOPMENT AND FAMILY SCIENCE 1-4 Credit Hours**

(Repeatable for credit) Discussion of a major topic within human development or family science.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 1-4 lecture

**Grade Mode:** Standard Letter

**HDF 25512 MANAGEMENT OF FAMILY RESOURCES 3 Credit Hours**

Management as applied to individuals, families and human science professionals.

**Prerequisite:** HDF 24011.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HDF 34031 CULTURAL DIVERSITY: IMPLICATIONS FOR THE HELPING PROFESSIONS 3 Credit Hours**

This class is designed to enhance the competence and success of students planning to work in human services. Learning how different cultural backgrounds influence the perceptions and behaviors of clients in the human service setting is emphasized.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HDF 41093 VARIABLE TOPIC WORKSHOP IN HUMAN DEVELOPMENT AND FAMILY SCIENCE 1-3 Credit Hours**

(Repeatable for credit) (Slashed with HDF 51093) Workshop setting dealing with a topic or topics in human development and family science. Learning experiences are provided in a wide range of areas.

**Prerequisite:** None.

**Schedule Type:** Workshop

**Contact Hours:** 1-3 other

**Grade Mode:** Satisfactory/Unsatisfactory

**HDF 41095 SPECIAL TOPICS IN HUMAN DEVELOPMENT AND FAMILY SCIENCE 1-4 Credit Hours**

(Repeatable for credit) (Slashed with HDF 51095) Discussion of a major topic within human development or family science.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 1-4 lecture

**Grade Mode:** Standard Letter

**HDF 41096 INDIVIDUAL INVESTIGATION 1-3 Credit Hours**

(Repeatable for credit) (Slashed with HDF 51096) Independent study in human development and family science.

**Prerequisite:** Written special approval from instructor.

**Schedule Type:** Individual Investigation

**Contact Hours:** 1-3 other

**Grade Mode:** Standard Letter

**HDF 42089 HUMAN DEVELOPMENT AND FAMILY SCIENCE INTERNATIONAL EXPERIENCE (ELR) 3 Credit Hours**

(Repeatable for credit) (Slashed with HDF 52089) Exploration of human development and family science related topics while visiting various cultural contexts.

**Prerequisite:** Minimum 2.750 overall GPA; and special approval.

**Schedule Type:** International Experience

**Contact Hours:** 9 other

**Grade Mode:** Standard Letter-IP

**Attributes:** Experiential Learning Requirement

**HDF 44018 PROFESSIONAL DEVELOPMENT IN HUMAN DEVELOPMENT AND FAMILY SCIENCE 3 Credit Hours**

Preparation of students for professional work experiences as well as providing an opportunity to discuss recent developments in the fields of human development, family science and gerontology.

**Prerequisite:** Admission into the HDF professional phase; and senior standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HDF 44020 ADOLESCENT DEVELOPMENT 3 Credit Hours**

(Slashed with HDF 54020) Study of adolescent development with emphasis on forces related to adolescent behavior in the family and society. Evaluation of current research.

**Prerequisite:** Admission into the HDF professional phase.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HDF 44021 FAMILY INTERVENTION ACROSS THE LIFESPAN 3 Credit Hours**

(Slashed with HDF 54021) Evaluation of research and theoretical models in the area of family intervention. Focus on strategies for assisting families in coping with a variety of critical issues over the family life cycle.

**Prerequisite:** Admission into the HDF professional phase.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HDF 44022 CHANGING ROLES OF MEN AND WOMEN 3 Credit Hours**

(Slashed with HDF 54022) A study of roles of men and women, past, present and future.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HDF 44023 BUILDING FAMILY STRENGTHS 3 Credit Hours**

(Slashed with HDF 54023) The Building Family Strengths Model builds upon family life potential; based on extensive research emphasizing identified family strengths.

**Prerequisite:** Admission into the HDF professional phase.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HDF 44028 PARENT-CHILD RELATIONSHIPS 3 Credit Hours**

(Slashed with HDF 54028) Study of parent-child relationships across the life span and within various contexts. Emphasis on the process of socialization and determinants of parent-child relationships based on current research.

**Prerequisite:** Admission into the HDF professional phase.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HDF 44029 FAMILY POLICY 3 Credit Hours**

(Slashed with HDF 54029) Understanding federal, state and local policy issues affecting families. Role of family life educator in promoting a family-friendly perspective in policy making.

**Prerequisite:** Admission into the HDF professional phase.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HDF 44030 FAMILY LIFE EDUCATION METHODOLOGY 3 Credit Hours**

Developing teaching methods and techniques for family life education and the study of family life education content areas.

**Prerequisite:** Admission into the HDF professional phase.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HDF 44032 NONPROFIT FUNDRAISING AND GRANTWRITING 3 Credit Hours**

(Slashed with HDF 54032) Provides comprehensive preparation in planning, seeking and acquiring funding from available resources in supporting the mission of nonprofit human service agencies.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HDF 44033 COMMUNITY OUTREACH IN NONPROFIT MANAGEMENT (ELR) 3 Credit Hours**

An overview of nonprofit organizations at the local, national and international levels, including how to start and manage one. A comprehensive examination of the Board of Directors, advocacy and lobbying, program development, mission, vision and strategic goals, philanthropic fundraising and the financial management process, as well as the legal aspects. In addition, students will study service learning and complete a Field Experience at a nonprofit organization.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**Attributes:** Experiential Learning Requirement

**HDF 44034 PRINCIPLES AND PRACTICES OF NONPROFIT MANAGEMENT 3 Credit Hours**

An overview of nonprofit organizations including the areas of risk management, mentoring, cultural competence, social entrepreneurship, and how to effectively manage paid staff and volunteers. In addition, students will learn about earned income strategies and the marketing-communication process, including the use of technology. The course will also cover leadership, communication and conflict resolution skills. Other areas of study include accountability and transparency, ethical behavior, building capacity, change management and the importance of collaborations and mergers and government support in the sector.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HDF 44035 ASSESSMENT AND STRATEGIES IN CASE MANAGEMENT 3 Credit Hours**

An examination of the evaluation of client needs and assessment of client condition. Course emphasizes interviewing as a major assessment strategy.

**Prerequisite:** Admission into the HDF professional phase.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HDF 44036 GENERAL CASE MANAGEMENT METHODS 3 Credit Hours**

Examination of case management processes and strategies, with focus on community resources to meet client needs in the human service setting.

**Prerequisite:** Admission into the HDF professional phase.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HDF 44037 POSITIVE YOUTH DEVELOPMENT 3 Credit Hours**

(Slashed with HDF 54037) Examines individual, family, school and community characteristics that comprise developmental assets contributing to positive youth development (PYD). Definitions and descriptions of PYD approaches are examined as well as evaluations of program effectiveness. Common elements of PYD programs are explored, such as emphasizing youths' strengths, providing opportunities to learn healthy behaviors, promoting positive peer relationships, connecting youth with caring adults, empowering youth to assume leadership roles, and challenging youth in ways that build their competence. Implications for professional child and youth work are discussed.

**Prerequisite:** HDF 44020; and admission into the HDF professional phase.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HDF 44038 PROFESSIONAL CHILD AND YOUTH WORK PRACTICE 3 Credit Hours**

(Slashed with HDF 54038) Provides students with an understanding of the historical and current methodologies and organizational structures of professional child and youth work practice, emphasizing a synthesis of previous and new learning regarding five domains of competence (professionalism, cultural and human diversity, applied human development, relationship and communication and developmental practice methods). Practice issues in community-based and out-of-home care settings as well as work with various child and youth populations are explored.

**Prerequisite:** Admission into the HDF professional phase.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HDF 44039 BEREAVEMENT, TRAUMA AND OTHER LOSSES 3 Credit Hours**

(Slashed with HDF 54039) Exploration of the impact of death, trauma and other losses on individuals and families across the lifespan. Consideration of gender, social and cultural context. Implications for human services professionals.

**Prerequisite:** HDF 24011.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HDF 44089 FAMILIES IN FLORENCE, ITALY: LOVE, PARENTING AND POLICY (ELR) 3 Credit Hours**

The course explores how preventative family science and family policy are developed and executed in an international setting, specifically Florence, Italy. The course uses the city of Florence and its existing resources as experiential learning examples of course content. In this course, we will explore how historical family honor, rituals, culture, and social context continue to influence the modern Florentine family and policies devoted to families. Students will engage in experiential learning experiences to explore how modern policies impact families, and how preventative family education (Family Life Education) exists internationally. We aim to gain a comprehensive understanding of the modern Florentine/Italian family given current government policies while exploring Italian preventative family education.

**Prerequisite:** Minimum 2.500 overall GPA.

**Schedule Type:** International Experience, Project or Capstone

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**Attributes:** Experiential Learning Requirement

**HDF 44092 PRACTICUM IN HUMAN DEVELOPMENT AND FAMILY SCIENCE (ELR) 3-6 Credit Hours**

(Repeatable for credit) Observation and participation in child, family and social service agencies. One class discussion per week. If the Practicum site requires it, students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned agency before the first day of the semester in which internship will take place. Major GPA of 2.250 is required.

**Prerequisite:** HDF 44018; and admission into the HDF professional phase; and senior standing; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 1 lecture, 14-35 other

**Grade Mode:** Standard Letter

**Attributes:** Experiential Learning Requirement

**HDF 45089 LIFESPAN DEVELOPMENT PRACTICES AND OUTCOMES: THE ITALIAN EXPERIENCE (ELR) 3 Credit Hours**

This course will explore lifespan development theories through the lens of Italian culture, policy and practices. Most class periods will be spent visiting and observing historical sites, schools, non-profit organizations, and observing everyday life while learning about the influence of religion, education, SES, and state policy on child, adolescent, and adult outcomes. Students will have the opportunity to actively engage with Florentines in a brief in-country volunteer experience.

**Prerequisite:** Minimum 2.500 overall GPA.

**Schedule Type:** International Experience, Project or Capstone

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**Attributes:** Experiential Learning Requirement

**HDF 51093 VARIABLE TITLE WORKSHOP IN HUMAN DEVELOPMENT AND FAMILY SCIENCE 1-3 Credit Hours**

(Repeatable for credit) (Slashed with HDF 41093) Workshop setting dealing with a topic or topics in human development and family science. Learning experiences are provided in a wide range of areas.

**Prerequisite:** Graduate standing.

**Schedule Type:** Workshop

**Contact Hours:** 1-3 other

**Grade Mode:** Satisfactory/Unsatisfactory

**HDF 51095 SPECIAL TOPICS IN HUMAN DEVELOPMENT AND FAMILY SCIENCE 1-4 Credit Hours**

(Repeatable for credit) (Slashed with HDF 41095) Discussion of a major topic within human development and family science.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 1-4 lecture

**Grade Mode:** Standard Letter

**HDF 51096 INDIVIDUAL INVESTIGATION 1-3 Credit Hours**

(Repeatable for credit) (Slashed with HDF 41096) Independent study in human development and/or family science.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Individual Investigation

**Contact Hours:** 1-3 other

**Grade Mode:** Standard Letter

**HDF 52089 HUMAN DEVELOPMENT AND FAMILY SCIENCE INTERNATIONAL EXPERIENCE 3 Credit Hours**  
 (Repeatable for credit) (Slashed with HDF 42089) Exploration of human development and family science related topics while visiting various cultural contexts.  
**Prerequisite:** Graduate standing; and special approval.  
**Schedule Type:** International Experience  
**Contact Hours:** 9 other  
**Grade Mode:** Standard Letter-IP

**HDF 54020 ADOLESCENT DEVELOPMENT 3 Credit Hours**  
 (Slashed with HDF 44020) Adolescent development with emphasis on forces related to adolescent behavior. Evaluation of current research.  
**Prerequisite:** Human development and family science major; and graduate standing.  
**Schedule Type:** Lecture  
**Contact Hours:** 3 lecture  
**Grade Mode:** Standard Letter

**HDF 54021 FAMILY INTERVENTION ACROSS THE LIFESPAN 3 Credit Hours**  
 (Slashed with HDF 44021) Evaluation of research and theoretical models in the area of family intervention. Focus on strategies for assisting families in coping with a variety of critical issues over the family life cycle.  
**Prerequisite:** Human development and family science major; and graduate standing.  
**Schedule Type:** Lecture  
**Contact Hours:** 3 lecture  
**Grade Mode:** Standard Letter

**HDF 54022 CHANGING ROLES OF MEN AND WOMEN 3 Credit Hours**  
 (Slashed with HDF 44022) A study of roles of men and women, past, present and future.  
**Prerequisite:** Graduate standing.  
**Schedule Type:** Lecture  
**Contact Hours:** 3 lecture  
**Grade Mode:** Standard Letter

**HDF 54023 BUILDING FAMILY STRENGTHS 3 Credit Hours**  
 (Slashed with HDF 44023) The building family strengths model builds upon family life potential, based on extensive research emphasizing identified family strengths.  
**Prerequisite:** Graduate standing.  
**Schedule Type:** Lecture  
**Contact Hours:** 3 lecture  
**Grade Mode:** Standard Letter

**HDF 54028 PARENT-CHILD RELATIONSHIPS 3 Credit Hours**  
 (Slashed with HDF 44028) Study of parent-child relationships across the life span and within various contexts. Emphasis on the process of socialization and determinants of parent-child relationships based on current research.  
**Prerequisite:** Human development and family science major; and graduate standing.  
**Schedule Type:** Lecture  
**Contact Hours:** 3 lecture  
**Grade Mode:** Standard Letter

**HDF 54029 FAMILY POLICY 3 Credit Hours**  
 (Slashed with HDF 44029) Understanding federal, state and local policy issues affecting families. Role of family life educator in promoting a family-friendly perspective in policy making.  
**Prerequisite:** Human development and family science major; and graduate standing.  
**Schedule Type:** Lecture  
**Contact Hours:** 3 lecture  
**Grade Mode:** Standard Letter

**HDF 54032 NONPROFIT FUNDRAISING AND GRANTWRITING 3 Credit Hours**  
 (Slashed with HDF 44032) Provides comprehensive preparation in planning, seeking and acquiring funding from available resources in supporting the mission of nonprofit human services agencies.  
**Prerequisite:** Graduate standing.  
**Schedule Type:** Lecture  
**Contact Hours:** 3 lecture  
**Grade Mode:** Standard Letter

**HDF 54037 POSITIVE YOUTH DEVELOPMENT 3 Credit Hours**  
 (Slashed with HDF 44037) Examines individual, family, school and community characteristics that comprise developmental assets contributing to positive youth development (PYD). Definitions and descriptions of PYD approaches are examined as well as evaluations of program effectiveness. Common elements of PYD programs are explored, such as emphasizing youths' strengths, providing opportunities to learn health behaviors, promoting positive peer relationships, connecting youth with caring adults, empowering youth to assume leadership roles, and challenging youth in ways that build their competence. Implications for professional child and youth work are discussed. Students complete a program development project.  
**Prerequisite:** HDF 54020; and graduate standing.  
**Schedule Type:** Lecture  
**Contact Hours:** 3 lecture  
**Grade Mode:** Standard Letter

**HDF 54038 PROFESSIONAL CHILD AND YOUTH WORK PRACTICE 3 Credit Hours**  
 (Slashed with HDF 44038) Provides students with an understanding of the historical and current methodologies and organizational structures of professional child and youth work practice emphasizing a synthesis of previous and new learning regarding five domains of competence (professionalism, culture and human diversity, applied human development, relationship and communication and developmental practice methods). Practice issues in community-based and out of home care settings as well as work with various child and youth populations are to be explored. Students complete a program development and evaluation project.  
**Prerequisite:** Human development and family science major; and graduate standing.  
**Schedule Type:** Lecture  
**Contact Hours:** 3 lecture  
**Grade Mode:** Standard Letter

**HDF 54039 BEREAVEMENT, TRAUMA AND OTHER LOSSES 3 Credit Hours**

(Slashed with HDF 44039) Exploration of the impact of death, trauma and other losses on individuals and families across the lifespan. Consideration of gender, social and cultural context. Implications for human services professionals.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HDF 61091 SEMINAR 2-3 Credit Hours**

(Repeatable for credit) Evaluation and interpretation of recent literature in human development and/or family science. Topic selected for semester will be indicated in the schedule of classes.

**Prerequisite:** Graduate standing.

**Schedule Type:** Seminar

**Contact Hours:** 2-3 other

**Grade Mode:** Standard Letter

**HDF 61098 RESEARCH 1-6 Credit Hours**

(Repeatable for credit) Research for master's level graduate students. Credits earned may be applied toward meeting degree requirements if school approves.

**Prerequisite:** Graduate standing.

**Schedule Type:** Research

**Contact Hours:** 3-18 other

**Grade Mode:** Standard Letter-IP

**HDF 61099 MASTER'S PROJECT 2-6 Credit Hours**

(Repeatable for credit) Completion and successful defense of a master's project. Master's project students must register for a total of 6 hours, 2 to 6 hours in a single semester distributed over several semesters if desired.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Project or Capstone

**Contact Hours:** 2-6 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**HDF 61199 THESIS I 2-6 Credit Hours**

(Repeatable for credit) Thesis students must register for total of 6 hours, 2 to 6 hours in a single semester distributed over several semesters if desired.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Masters Thesis

**Contact Hours:** 6-18 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**HDF 61299 THESIS II 2 Credit Hours**

(Repeatable for credit) Thesis II students must continue registration each semester until all degree requirements are met.

**Prerequisite:** HDF 61199; and graduate standing.

**Schedule Type:** Masters Thesis

**Contact Hours:** 6 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**HDF 64023 FAMILY THEORIES AND PROCESSES 3 Credit Hours**

An examination of theories and research for understanding family dynamics and changes in families across the lifespan. Includes attention to diverse family structures, dyadic and group processes applicable to families, and social and cultural contexts.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HDF 64024 FAMILY LIFE EDUCATION 3 Credit Hours**

Developing community acceptance, teaching aids and techniques and curriculum for family life education.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HDF 64026 PROFESSIONAL ISSUES IN HUMAN DEVELOPMENT AND FAMILY SCIENCE 2 Credit Hours**

This course covers ethical and professional issues related to the field of human development and family science. The course will cover both conceptual ideas related to research and practice in the field as well as practical tools for professional development and successful completion of the Master's Thesis or Project.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 2 lecture

**Grade Mode:** Standard Letter

**HDF 64027 EARLY ADOLESCENCE 3 Credit Hours**

Examines the fundamental changes, social contexts and psychosocial processes involved in human development from ages 8-15. Implications for working with this age group within schools and human service agencies.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**HDF 64092 PRACTICUM IN HUMAN DEVELOPMENT AND FAMILY SCIENCE 3-6 Credit Hours**

(Repeatable for credit) Observation and participation in child, family and social service agencies. One class discussion per week. If the Practicum site requires it, students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned agency before the first day of the semester in which internship will take place. Major GPA of 2.250 is required.

**Prerequisite:** Human development and family science major; and graduate standing; and special approval.

**Schedule Type:** Lecture, Practical Experience

**Contact Hours:** 1 lecture, 14-35 other

**Grade Mode:** Standard Letter

**Learning Science (LRNS)****LRNS 60199 THESIS I 2-6 Credit Hours**

(Repeatable for credit) Thesis student must register for total of 6 hours, 2 to 6 hours in a single semester distributed over several semesters if desired.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Masters Thesis

**Contact Hours:** 6-18 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**LRNS 60299 THESIS II 2 Credit Hours**

(Repeatable for credit) Thesis students must continue registration each semester until all degree requirements are met.

**Prerequisite:** LRNS 60199; and graduate standing.

**Schedule Type:** Masters Thesis

**Contact Hours:** 6 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP



**LRNS 65525 INFORMAL LEARNING 3 Credit Hours**

(Slashed with LRNS 75525) Learning opportunities across the lifespan often occur outside of formal settings. Informal Learning explores learning in the wild, or learning without the use of formal techniques, curriculum, or assessments. The course will focus on helping students develop critical skills needed to read and synthesize basic research, as it is an important tool for lifelong learning.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**LRNS 66510 INTRODUCTION TO R FOR EDUCATIONAL AND LEARNING SCIENCES 3 Credit Hours**

(Slashed with LRNS 76510) An introduction to R for statistical computing for graduate students in educational, learning, cognitive, language and human behavioral sciences. Students will learn skills necessary to create graphical figures and tables and manipulate data structures and variables in executable code in R, R Studio and R markdown. Students will learn how to read, understand and synthesize code to develop readable data/results reporting formats on data repositories.

**Prerequisite:** Graduate standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**LRNS 66511 STATISTICAL PROGRAMMING IN R FOR LEARNING SCIENCE 3 Credit Hours**

(Slashed with LRNS 76511) This is not a statistics course, but a programming course for statistics in R. The purpose of this course is to teach syntax for common analyses used in R among psychological and social sciences researchers. Theory, as related to statistics, will only be covered in reference to modeling constraints for each analysis. The purpose of this course will be to introduce students to basic syntax and data consideration for statistical analyses commonly used in R – such as t-tests, ANOVA, Regression, MANOVA, Power Analysis, and Mixed Random Effects Models.

**Prerequisite:** LRNS 66510 and RMS 68713 and RMS 68726; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**LRNS 75525 INFORMAL LEARNING 3 Credit Hours**

(Slashed with LRNS 66511) Learning opportunities across the lifespan often occur outside of formal settings. Informal Learning explores learning in the wild, or learning without the use of formal techniques, curriculum, or assessments. The course will focus on helping students develop critical skills needed to read and synthesize basic research, as it is an important tool for lifelong learning.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**LRNS 76510 INTRODUCTION TO R FOR EDUCATIONAL AND LEARNING SCIENCES 3 Credit Hours**

(Slashed with LRNS 66510) An introduction to R for statistical computing for graduate students in educational, learning, cognitive, language and human behavioral sciences. Students will learn skills necessary to create graphical figures and tables and manipulate data structures and variables in executable code in R, R Studio and R markdown. Students will learn how to read, understand and synthesize code to develop readable data/results reporting formats on data repositories.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**LRNS 76511 STATISTICAL PROGRAMMING IN R FOR LEARNING SCIENCE 3 Credit Hours**

(Slashed with LRNS 66511) This is not a statistics course, but a programming course for statistics in R. The purpose of this course is to teach syntax for common analyses used in R among psychological and social sciences researchers. Theory, as related to statistics, will only be covered in reference to modeling constraints for each analysis. The purpose of this course will be to introduce students to basic syntax and data consideration for statistical analyses commonly used in R – such as t-tests, ANOVA, Regression, MANOVA, Power Analysis, and Mixed Random Effects Models.

**Prerequisite:** LRNS 76510 and RMS 78713 and RMS 78726; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**LRNS 80199 DISSERTATION I 15 Credit Hours**

(Repeatable for credit) Doctoral dissertation for which registration in at least two semesters is required, first of which will be semester in which dissertation work is begun and continuing until the completion of 30 hours.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Dissertation

**Contact Hours:** 15 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**LRNS 80299 DISSERTATION II 15 Credit Hours**

(Repeatable for credit) Continuing registration required of doctoral students who have completed the initial 30 hours of dissertation and continuing until all degree requirements are met.

**Prerequisite:** LRNS 80199; and doctoral standing.

**Schedule Type:** Dissertation

**Contact Hours:** 15 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**LRNS 89096 INDIVIDUAL INVESTIGATION IN LEARNING AND DEVELOPMENT 1-3 Credit Hours**

(Repeatable for credit) Students pursue an individual project on a specific topic in learning and development with approval and under direction of instructor.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Individual Investigation

**Contact Hours:** 3-9 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**LRNS 89098 RESEARCH IN LEARNING AND DEVELOPMENT 1-6 Credit Hours**

(Repeatable for credit) Students pursue an individual research project on a specific topic in learning and development with approval and under direction of instructor.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Research

**Contact Hours:** 3-18 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**Long-Term Care Administration (LTCA)****LTCA 43092 INTERNSHIP IN NURSING HOME ADMINISTRATION/ HEALTH SERVICES EXECUTIVE (ELR) 9 Credit Hours**

Internship in skilled nursing facility. One, 3 hour, on-campus seminar every three weeks (meets four times). Approximately 35-40 clock hours per week at internship site is required. Students participate in weekly online course discussions and have an on-site visit to their internship site during the semester.

**Prerequisite:** Minimum B grade in LTCA 44032; and human development and family studies majors or long-term care administration majors; and senior standing; and special approval.

**Schedule Type:** Lecture, Practical Experience

**Contact Hours:** 2 lecture, 33.33 other

**Grade Mode:** Standard Letter-IP

**Attributes:** Experiential Learning Requirement

**LTCA 43192 INTERNSHIP IN NURSING HOME ADMINISTRATION/ HEALTH SERVICES EXECUTIVE (ELR) 9 Credit Hours**

Internship in skilled nursing facility. One 3-hour, on-campus seminar every three weeks (meets four times). Approximately 35 clock hours per week at internship site is required. Students participate in weekly online course discussions and have an on-site visit to their internship site during the semester.

**Prerequisite:** Minimum B grade in LTCA 43092; and human development and family studies major or long-term care administration; and senior standing; and special approval.

**Schedule Type:** Lecture, Practical Experience

**Contact Hours:** 2 lecture, 33.33 other

**Grade Mode:** Standard Letter-IP

**Attributes:** Experiential Learning Requirement

**LTCA 44032 LONG-TERM CARE ADMINISTRATION I 3 Credit Hours**

(Slashed with LTCA 54032) Presents an overview and introduction to the principles of long-term care administration and other administration options.

**Prerequisite:** Junior or senior standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**LTCA 44033 LONG-TERM CARE ADMINISTRATION II 3 Credit Hours**

(Slashed with LTCA 54033) Presents a focus on Assisted Living (AL) and Home and Community Based Services (HCBS) and Supports in long term care to align with accreditation standards for Nursing Home Administration-Health Services Executive (NHA-HSE).

**Prerequisite:** Minimum B- in LTCA 44032; and senior standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**LTCA 54032 LONG-TERM CARE ADMINISTRATION I 3 Credit Hours**

(Slashed with LTCA 44032) Presents an overview and introduction to the principles of long-term care (LTC) administration and other administration options.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**LTCA 54033 LONG-TERM CARE ADMINISTRATION II 3 Credit Hours**

(Slashed with LTCA 44033) Presents a focus on Assisted Living (AL) and Home and Community Based Services (HCBS) and Supports in long term care to align with accreditation standards for Nursing Home Administration-Health Services Executive (NHA-HSE).

**Prerequisite:** Minimum B grade in LTCA 54032; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**LTCA 63092 INTERNSHIP IN NURSING HOME ADMINISTRATOR/ HEALTH SERVICES EXECUTIVE I 6 Credit Hours**

Internship in skilled nursing facility and other lines of service. Seminar meetings during the semester. Weekly online discussions. Assignments and projects throughout the semester. Minimum 35 clock hours per week at internship site is required.

**Prerequisite:** Minimum B- grade in LTCA 54032; and graduate standing; and special approval.

**Schedule Type:** Lecture, Practical Experience

**Contact Hours:** 2 lecture, 33.33 other

**Grade Mode:** Standard Letter

**LTCA 63192 INTERNSHIP IN NURSING HOME ADMINISTRATOR/ HEALTH SERVICES EXECUTIVE II 6 Credit Hours**

Internship in skilled nursing facility and other lines of service. Seminar meetings during the semester. Weekly online discussions. Assignments and projects throughout the semester. Minimum 35 clock hours per week at internship site is required.

**Prerequisite:** A minimum B grade in both LTCA 54032 and LTCA 63092; and graduate standing; and special approval.

**Schedule Type:** Practical Experience, Seminar

**Contact Hours:** 2 lecture, 33.33 other

**Grade Mode:** Standard Letter

**School Psychology (SPSY)****SPSY 60093 VARIABLE TITLE WORKSHOP IN SCHOOL PSYCHOLOGY**

**1-4 Credit Hours**

(Repeatable for credit)

**Prerequisite:** Grading standing; and special approval.

**Schedule Type:** Workshop

**Contact Hours:** 1-4 other

**Grade Mode:** Satisfactory/Unsatisfactory

**SPSY 60094 COLLEGE TEACHING 3 Credit Hours**

(Repeatable for credit) (Slashed with SPSY 70094) Discusses major aspects of teaching in higher education, including such topics as students' philosophy of teaching, principles of adult learning, instructional strategies, students' assessment.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPSY 60162 DEVELOPMENTAL ASSESSMENT 3 Credit Hours**  
Reviews the educational, family and regulatory forces that influence success at each significant transition for preschool, kindergarten and primary grade children. 24 clinical/field hours.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPSY 60165 PRINCIPLES OF SOCIAL LEARNING 3 Credit Hours**  
The main focus is to provide students with an understanding of behavioral and social learning principles within the context of the school psychologist's professional practice. 19 clinical/field hours.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPSY 60191 SEMINAR:SCHOOL PSYCHOLOGY 1-4 Credit Hours**  
(Repeatable for credit)Seminar in school psychology. Varied topics.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Seminar

**Contact Hours:** 1-4 other

**Grade Mode:** Standard Letter

**SPSY 67592 FIELD EXPERIENCE IN EDUCATION FOR SCHOOL PSYCHOLOGISTS 2 Credit Hours**

This field experience provides students with the opportunity to observe various school and educational settings that reflect the typical work scope for school psychologists. Required for those students in school psychology who do not have teaching certificates and have not spent extensive time in public schools. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned "school-agency" before the first day of the semester in which student teaching internship will take place.

**Prerequisite:** School psychology major; and graduate standing.

**Schedule Type:** Field Experience

**Contact Hours:** 8 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**SPSY 67692 PRACTICUM I IN SCHOOL PSYCHOLOGY 3 Credit Hours**

(Repeatable for credit) (Slashed with SPSY 77692) This course provides students with experience, support, and opportunities for reflection related to the foundational domains of the practice of school psychology and ongoing professional development. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel prior to the beginning of any field-based activities.

**Prerequisite:** School psychology major; and graduate standing.

**Schedule Type:** Practical Experience

**Contact Hours:** 9 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**SPSY 67792 PRACTICUM II IN SCHOOL PSYCHOLOGY 3 Credit Hours**

(Repeatable for credit) (Slashed with SPSY 77792) Provides students with applied experience and professional development related to foundational domains of school psychology practice. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel prior to beginning any field-based activities.

**Prerequisite:** SPSY 67692 or SPSY 77692; and school psychology major; and graduate standing.

**Schedule Type:** Practical Experience

**Contact Hours:** 9 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**SPSY 67892 ADVANCED PRACTICUM IN SCHOOL PSYCHOLOGY 3-6 Credit Hours**

(Repeatable for credit) (Slashed with SPSY 77892) Provides students with advanced applied experience in educational, mental health, or behavioral health settings. 60 clock hours per credit hour. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel prior to beginning any field-based activities.

**Prerequisite:** SPSY 67792; and school psychology major; and graduate standing and; special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 12-24 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**SPSY 67912 ROLE OF THE SCHOOL PSYCHOLOGIST 3 Credit Hours**

Study of role and functions of school psychologists in American education. Includes history of school psychology and future orientation. Five clinical/field hours.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter-IP

**SPSY 67920 DIAGNOSIS OF CHILDHOOD DISORDERS IN SCHOOLS 3 Credit Hours**

Provides overview of diagnosis of child and adolescent behavior disorders (ADHD, conduct problems) emotional and social disorders (depression, anxiety, phobias) and developmental acquired disorders (autism, mental retardation).

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPSY 67925 INTRODUCTION TO NEUROPSYCHOLOGY FOR SCHOOL PSYCHOLOGISTS 1 Credit Hour**

Introduces basic concepts in child neuropsychology with relevance for applied school psychological practice. Topics include biological bases of behavior and implications for educational interventions.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 1 lecture

**Grade Mode:** Standard Letter

**SPSY 67926 INTRODUCTION TO DIGITAL CITIZENSHIP FOR SCHOOL PSYCHOLOGISTS 1 Credit Hour**

(Slashed with SPSY 77926) This course is designed to provide students with an introductory understanding of the fundamental issues and practices of technology in school psychology. Students will gain skills related to: (a) ethical and professional use of technology; (b) evaluate features of various technology systems; (c) identify functional intervention goals to which technology can contribute; and (d) use technology to collect, analyze, summarize, and report student performance to aid instructional decision-making.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 1 lecture

**Grade Mode:** Standard Letter

**SPSY 67928 GROUP COUNSELING TECHNIQUES FOR REHABILITATION COUNSELORS AND SCHOOL PSYCHOLOGISTS 3 Credit Hours**

Review of group counseling techniques for rehab counselors and school psychologists. Skills developed in group process and group leadership. A variety of group interventions will be examined including techniques for persons with disabilities.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPSY 67929 INDIVIDUAL COUNSELING TECHNIQUES FOR REHABILITATION COUNSELORS AND SCHOOL PSYCHOLOGISTS 3 Credit Hours**

(Slashed with SPSY 77929) Review of individual counseling techniques. Skills developed in communication, interviewing, problem identification, goal setting and program development are fostered by lecture, video feedback and simulation.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPSY 67931 PROGRAM DEVELOPMENT AND ETHICAL APPLICATION OF APPLIED BEHAVIOR ANALYSIS 3 Credit Hours**

Describe and apply methodology and research design in monitoring the effectiveness of behavioral interventions and to use such information to evaluate overall program efficacy. Consideration is given to student characteristics (e.g., underlying disability) when developing and evaluating behavior programs based. Use of specific tools for prioritizing behaviors, evaluating progress, and making treatment program decisions are presented. Issues related to ethics, treatment implementation fidelity, and behavioral program development are also emphasized.

**Prerequisite:** SPED 53030; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPSY 67932 ADVANCED INTERVENTIONS FOR ADDRESSING SEVERE BEHAVIOR 3 Credit Hours**

Use and interpretation of functional behavioral assessment in educational settings to lead to the identification of empirically-supported interventions to address the behavioral needs of children. The development, implementation and analysis of functional analysis procedures. Special emphasis given to identifying/designing, implementing and assessing the effectiveness of advanced behavioral interventions in consultation. 20 field hrs.

**Prerequisite:** SPED 53030 and SPSY 67920 or SPSY 77920; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPSY 67951 COGNITIVE ASSESSMENT OF CHILDREN IN SCHOOLS 3 Credit Hours**

Training and experience in administering, scoring and interpreting cognitive measures for children and adolescents and writing reports. 30 clinical/field hours.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPSY 67955 INSTRUCTIONAL ASSESSMENT FOR SCHOOL PSYCHOLOGISTS 3 Credit Hours**

Training in administration, scoring and interpretation of normative and non-normative measures of academic achievement, instructional environment and writing psychoeducational and team reports. 25 clinical/field hours.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPSY 67960 INTERVENTIONS WITH CULTURALLY DIVERSE STUDENTS 3 Credit Hours**

Introduces skills to effectively and ethically implement educational and psychological interventions with culturally diverse children in educational settings. 5 clinical/field hours.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPSY 67965 INSTRUCTIONAL INTERVENTIONS FOR SCHOOL PSYCHOLOGISTS 3 Credit Hours**

Describes design and implementation of evidence-based interventions, methods of data collection and progress monitoring for school based academic referrals within a problem solving model. Requires 25 clinical field hours.

**Prerequisite:** SPSY 67955; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPSY 67970 LEGAL, ETHICAL AND PROFESSIONAL ISSUES IN SCHOOL PSYCHOLOGY 3 Credit Hours**

Ethical, legal and professional issues of school psychologists and counselors will be explored. Considerations of law, regulations, ethical standards and codes of professional practice of related professional organizations will be addressed.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPSY 67971 ISSUES AND APPROACHES IN SCHOOL PSYCHOLOGY 3 Credit Hours**

(Repeatable for a maximum of 6 credit hours) This course describes and illustrates contemporary elements and forces that impact professional service in school psychology practice. Students register for two consecutive semesters in conjunction with internship.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Combined Lecture and Lab

**Contact Hours:** 3 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**SPSY 67972 SOCIAL-EMOTIONAL ASSESSMENT FOR SCHOOL PSYCHOLOGISTS 3 Credit Hours**

Training in administration, scoring and interpretation of techniques for assessment of social emotional functioning and adaptive behavior and writing evaluation team reports. 25 clinical/field hours. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned "school/agency" before the first day of the semester in which student teaching/internship will take place.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPSY 67973 CONSULTATION IN THE HELPING PROFESSIONS 3 Credit Hours**

Students learn consultation skills and processes utilizing a number of professional models such as Caplan's model, behavior and problem solving models and crisis consultation. 20 clinical/field hours. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned "school/agency" before the first day of the semester in which student teaching/internship will take place.

**Prerequisite:** Graduate standing.

**Schedule Type:** Combined Lecture and Lab

**Contact Hours:** 3 other

**Grade Mode:** Standard Letter

**SPSY 67974 SOCIAL-EMOTIONAL INTERVENTIONS IN SCHOOL PSYCHOLOGY 3 Credit Hours**

Describes design and implementation of social-emotional interventions for childhood disorders. Reviews progress monitoring for school-based social and emotional referrals within an eco-behavioral problem-solving model. 25 clinical field hours.

**Prerequisite:** SPSY 67972; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPSY 67975 HOME, SCHOOL AND COMMUNITY COLLABORATION 3 Credit Hours**

(Slashed with SPSY 77975) This course is designed to familiarize school psychologists with essential attitudes, approaches, and actions necessary to form successful family-school-community partnerships that can foster development and learning.

**Prerequisite:** School psychology major; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPSY 67995 SPECIAL TOPICS IN SCHOOL PSYCHOLOGY 1-3 Credit Hours**

(Repeatable for credit) Presentations of special interest to students. Offered irregularly. Topics will be announced in schedule of classes booklet.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Lecture

**Contact Hours:** 1-3 lecture

**Grade Mode:** Standard Letter

**SPSY 67996 INDIVIDUAL INVESTIGATION IN SCHOOL PSYCHOLOGY 1-3 Credit Hours**

(Repeatable for credit) Independent reading and/or research directed by a graduate faculty member.

**Prerequisite:** Graduate standing.

**Schedule Type:** Individual Investigation

**Contact Hours:** 1-3 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**SPSY 67998 INDIVIDUAL RESEARCH IN SCHOOL PSYCHOLOGY 1-9 Credit Hours**

(Repeatable for credit) Student pursues research project on selected aspect of school psychology under supervision of instructor. Arrangements with instructor must be made prior to registration.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Research

**Contact Hours:** 1-9 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**SPSY 70093 VARIABLE TITLE WORKSHOP IN SCHOOL PSYCHOLOGY 1-4 Credit Hours**

(Repeatable for credit)

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Workshop

**Contact Hours:** 1-4 other

**Grade Mode:** Satisfactory/Unsatisfactory

**SPSY 70094 COLLEGE TEACHING 3 Credit Hours**

(Repeatable for credit) (Slashed with SPSY 60094) Discusses major aspects of teaching in higher education, including such topics as students' philosophy of teaching, principles of adult learning, instructional strategies, students' assessment.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPSY 70162 DEVELOPMENTAL ASSESSMENT 3 Credit Hours**  
Reviews the educational, family and regulatory forces that influence success at each significant transition for preschool kindergarten and primary grade children. 24 clinical field hours.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPSY 70165 PRINCIPLES OF SOCIAL LEARNING 3 Credit Hours**  
The main focus is to provide students with an understanding of behavioral and social learning principles within the context of the school psychologist's professional practice.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPSY 70191 SEMINAR:SCHOOL PSYCHOLOGY 1-4 Credit Hours**  
(Repeatable for credit)Seminar in school psychology. Varied topics.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Seminar

**Contact Hours:** 1-4 other

**Grade Mode:** Standard Letter

**SPSY 77592 FIELD EXPERIENCE IN EDUCATION FOR SCHOOL PSYCHOLOGISTS 2 Credit Hours**

This field experience provides students with the opportunity to observe various school and educational settings that reflect the typical work scope for school psychologists. Required for those students in school psychology who do not have teaching certificates and have not spent extensive time in public schools. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned "school-agency" before the first day of the semester in which student teaching internship will take place.

**Prerequisite:** School psychology major; and graduate standing.

**Schedule Type:** Field Experience

**Contact Hours:** 8 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**SPSY 77692 PRACTICUM I IN SCHOOL PSYCHOLOGY 3 Credit Hours**

(Repeatable for credit) (Slashed with SPSY 67692) This course provides students with experience, support, and opportunities for reflection related to the foundational domains of the practice of school psychology and ongoing professional development. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel prior to the beginning of any field-based activities.

**Prerequisite:** School psychology major; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 9 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**SPSY 77792 PRACTICUM II IN SCHOOL PSYCHOLOGY 3 Credit Hours**

(Repeatable for credit) (Slashed with SPSY 67792) Provides students with applied experience and professional development related to foundational domains of school psychology practice. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel prior to beginning any field-based activities.

**Prerequisite:** SPSY 67692 or SPSY 77692; and school psychology major; and doctoral standing.

**Schedule Type:** Practical Experience

**Contact Hours:** 9 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**SPSY 77892 ADVANCED PRACTICUM IN SCHOOL PSYCHOLOGY 3-6 Credit Hours**

(Repeatable for credit) (Slashed with SPSY 67892) Provides students with advanced applied experience in educational, mental health, or behavioral health settings. 60 clock hours per credit hour. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel prior to beginning any field-based activities.

**Prerequisite:** SPSY 77792; and school psychology major; and doctoral standing; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 12-24 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**SPSY 77912 ROLE OF THE SCHOOL PSYCHOLOGIST 3 Credit Hours**

Study of role and functions of school psychologists in American education. Includes history of school psychology and future orientation. Five clinical field hours.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter-IP

**SPSY 77920 DIAGNOSIS OF CHILDHOOD DISORDERS IN SCHOOLS 3 Credit Hours**

Provides overview of diagnosis of child and adolescent behavior disorders (ADHD,conduct problems) emotional and social disorders (depression, anxiety, phobias) and developmental acquired disorders (autism, mental retardation).

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPSY 77925 INTRODUCTION TO NEUROPSYCHOLOGY FOR SCHOOL PSYCHOLOGISTS 1 Credit Hour**

Introduces basic concepts in child neuropsychology with relevance for applied school psychological practice. Topics include biological bases of behavior and implications for educational interventions.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 1 lecture

**Grade Mode:** Standard Letter

**SPSY 77926 INTRODUCTION TO DIGITAL CITIZENSHIP FOR SCHOOL PSYCHOLOGISTS 1 Credit Hour**

(Slashed with SPSY 67926) This course is designed to provide students with an introductory understanding of the fundamental issues and practices of technology in school psychology. Students will gain skills related to: (a) ethical and professional use of technology; (b) evaluate features of various technology systems; (c) identify functional intervention goals to which technology can contribute; and (d) use technology to collect, analyze, summarize, and report student performance to aid instructional decision-making.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 1 lecture

**Grade Mode:** Standard Letter

**SPSY 77928 GROUP COUNSELING TECHNIQUES FOR REHABILITATION COUNSELORS AND SCHOOL PSYCHOLOGISTS 3 Credit Hours**

Review of group counseling techniques for rehab counselors and school psychologists. Skills developed in group process and group leadership. A variety of group interventions will be examined including techniques for persons with disabilities.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPSY 77929 INDIVIDUAL COUNSELING TECHNIQUES FOR REHABILITATION COUNSELORS AND SCHOOL PSYCHOLOGISTS 3 Credit Hours**

(Slashed with SPSY 67929) Review of individual counseling techniques. Skills developed in communication interviewing problem identification goal setting and program development are fostered by lecture, video feedback and simulation.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPSY 77932 ADVANCED INTERVENTIONS FOR ADDRESSING SEVERE BEHAVIOR 3 Credit Hours**

Use and interpretation of functional behavioral assessment in educational settings to lead to the identification of empirically-supported interventions to address the behavioral needs of children. The development, implementation and analysis of functional analysis procedures. Special emphasis given to identifying/designing, implementing and assessing the effectiveness of advanced behavioral interventions in consultation. 20 field hrs.

**Prerequisite:** SPED 53030 and SPSY 67920 or SPSY 77920; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPSY 77951 COGNITIVE ASSESSMENT OF CHILDREN IN SCHOOLS 3 Credit Hours**

Training and experience in administering, scoring and interpreting cognitive measures for children and adolescents and writing reports. 30 clinical/field hours.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPSY 77955 INSTRUCTIONAL ASSESSMENT FOR SCHOOL PSYCHOLOGISTS 3 Credit Hours**

Training in administration, scoring and interpretation of normative and non-normative measures of academic achievement instructional environment and writing psychoeducational and team reports. 25 clinical field hours.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPSY 77960 INTERVENTIONS WITH CULTURALLY DIVERSE STUDENTS 3 Credit Hours**

Introduces skills to effectively and ethically implement educational and psychological interventions with culturally diverse children in educational settings. 5 clinical/field hours.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPSY 77965 INSTRUCTIONAL INTERVENTIONS FOR SCHOOL PSYCHOLOGISTS 3 Credit Hours**

Describes design and implementation of evidence-based interventions, methods of data collection and progress monitoring for school-based academic referrals within a problem-solving model. Requires 25 clinical field hours.

**Prerequisite:** SPSY 77955; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPSY 77970 LEGAL, ETHICAL AND PROFESSIONAL ISSUES IN SCHOOL PSYCHOLOGY 3 Credit Hours**

Ethical, legal and professional issues of school psychologists and counselors will be explored. Considerations of law, regulations, ethical standards and codes of professional practice of related professional organizations will be addressed.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPSY 77971 ISSUES AND APPROACHES IN SCHOOL PSYCHOLOGY 3 Credit Hours**

(Repeatable for a maximum of 6 credit hours) This course describes and illustrates contemporary elements and forces that impact professional service in school psychology practice. Students register for two consecutive semesters in conjunction with internship.

**Prerequisite:** Doctoral standing; and permission.

**Schedule Type:** Combined Lecture and Lab

**Contact Hours:** 3 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**SPSY 77972 SOCIAL-EMOTIONAL ASSESSMENT FOR SCHOOL PSYCHOLOGISTS 3 Credit Hours**

Training in administration, scoring and interpretation of techniques for assessment of social, emotional functioning and adaptive behavior and writing evaluation team reports. 25 clinical/field hours. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned "school/agency" before the first day of the semester in which student teaching/ internship will take place.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPSY 77973 CONSULTATION IN THE HELPING PROFESSIONS 3 Credit Hours**

Students learn consultation skills and processes utilizing a number of professional models such as Caplan's model, behavior and problem-solving models and crisis consultation. 20 clinical/field hours.

Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned "school/agency" before the first day of the semester in which student teaching/ internship will take place.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Combined Lecture and Lab

**Contact Hours:** 3 other

**Grade Mode:** Standard Letter

**SPSY 77974 SOCIAL-EMOTIONAL INTERVENTIONS IN SCHOOL PSYCHOLOGY 3 Credit Hours**

Describes design and implementation of social-emotional interventions for childhood disorders. Reviews progress monitoring for school-based social and emotional referrals within an eco-behavioral problem-solving model. 25 clinical/field hours.

**Prerequisite:** SPSY 77972; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPSY 77975 HOME, SCHOOL AND COMMUNITY COLLABORATION 3 Credit Hours**

(Slashed with SPSY 67975) This course is designed to familiarize school psychologists with essential attitudes, approaches, and actions necessary to form successful family-school-community partnerships that can foster development and learning.

**Prerequisite:** School psychology major; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPSY 77980 INTEGRATING EXPERIENCE IN SCHOOL PSYCHOLOGY 2 Credit Hours**

This course requires student to research, study and develop expertise in a particular facet of school psychology and to present these findings at the conclusion of his/her training program. Restricted to students in school psychology Ed.S. program. 38 clinical field hours.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Lecture

**Contact Hours:** 2 lecture

**Grade Mode:** Satisfactory/Unsatisfactory

**SPSY 77992 SPECIALIST INTERNSHIP IN SCHOOL PSYCHOLOGY 1-6 Credit Hours**

(Repeatable for credit) The internship experience provides students with the opportunity to develop and practice the professional roles and functions of a school psychologist in an approved school setting. Students complete one academic year of internship in schools (minimum of 1,200 clock hours) under the supervision of a university supervisor and a certified school psychologist who is employed by a school system. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned "school-agency" before the first day of the semester in which student teaching internship will take place.

**Prerequisite:** School psychology major; and graduate standing; and guest students with permission.

**Schedule Type:** Practical Experience

**Contact Hours:** 7-40 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**SPSY 77995 SPECIAL TOPICS IN SCHOOL PSYCHOLOGY 1-3 Credit Hours**

(Repeatable for credit) Presentations of special interest to students. Offered irregularly. Topics will be announced in schedule of classes booklet.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Lecture

**Contact Hours:** 1-3 lecture

**Grade Mode:** Standard Letter

**SPSY 77996 INDIVIDUAL INVESTIGATION IN SCHOOL PSYCHOLOGY 1-3 Credit Hours**

(Repeatable for credit) Independent reading and/or research directed by a graduate faculty member.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Individual Investigation

**Contact Hours:** 3 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**SPSY 77998 INDIVIDUAL RESEARCH IN SCHOOL PSYCHOLOGY 1-9 Credit Hours**

(Repeatable for credit) Student pursues research project on selected aspect of school psychology under supervision of instructor.

Arrangements with instructor must be made prior to registration.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Research

**Contact Hours:** 1-9 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**SPSY 80090 DOCTORAL RESIDENCY SEMINAR 3 Credit Hours**

Exploration of philosophical, definitional and attitudinal issues in the helping professions. Involvement in current activities of professional life through collaborative work with professors other students and practitioners.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 other

**Grade Mode:** Standard Letter



**SPSY 80199 DISSERTATION I 15 Credit Hours**

(Repeatable for credit) Doctoral dissertation for which registration in at least two semesters is required, first of which will be semester in which dissertation work is begun and continuing until the completion of 30 hours.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Dissertation

**Contact Hours:** 3 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**SPSY 80299 DISSERTATION II 15 Credit Hours**

(Repeatable for credit) Continuing registration required of doctoral students who have completed the initial 30 hours of dissertation and continuing until all dissertation requirements are met.

**Prerequisite:** SPSY 80199; and doctoral standing.

**Schedule Type:** Dissertation

**Contact Hours:** 15 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**SPSY 87987 PROFESSIONAL SEMINAR IN SCHOOL PSYCHOLOGY 3 Credit Hours**

A professional seminar focused on the identity, history and development of school psychology with special emphasis on current professional issues.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPSY 87992 DOCTORAL INTERNSHIP IN SCHOOL PSYCHOLOGY 1-6 Credit Hours**

Repeatable for credit) The internship experience provides students with the opportunity to develop and practice the professional roles and functions of a school psychologist in an approved school setting. Students complete one academic year of internship in schools (minimum of 1,500 clock hours) under the supervision of a university supervisor and a licensed school psychologist who is employed by a school system. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned "school-agency" before the first day of the semester in which student teaching internship will take place.

**Prerequisite:** School psychology major; and doctoral standing.

**Schedule Type:** Practical Experience

**Contact Hours:** 10-60 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**SPSY 87998 RESEARCH SEMINAR IN SCHOOL PSYCHOLOGY 3 Credit Hours**

(Repeatable for credit) Selected research topics in school psychology. Significant research literature is reviewed; research design methods and issues are presented and small research projects are conducted.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Research

**Contact Hours:** 3 other

**Grade Mode:** Standard Letter

**Special Education (SPED)****SPED 23000 INTRODUCTION TO EXCEPTIONALITIES (DIVD) 3 Credit Hours**

Introduction to student exceptionalities, service delivery/placement options, and multidisciplinary team process. Focus on identification of characteristics definition and identification procedures of students with exceptionalities.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**Attributes:** Diversity Domestic, TAG Education

**SPED 24000 INCLUSIVE PRACTICES 3 Credit Hours**

Overview of current special education issues as they relate to inclusive practices. Students gain an understanding of the challenges faced by exceptional students and analyze the responsibilities of educational professionals in addressing these challenges. Students develop a productive orientation toward effective instruction in inclusive settings through a study of legal, practical, professional and attitudinal issues relevant to inclusive education.

**Prerequisite:** SPED 23000.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 40093 WORKSHOP IN SPECIAL EDUCATION 1-5 Credit Hours**

(Slashed with SPED 50093 and SPED 70093)(Repeatable for credit)

Topics of special interest to students desiring to intensify their knowledge in particular areas. Presenters include Kent State University faculty and other institutions. Offered irregularly.

**Prerequisite:** None.

**Schedule Type:** Workshop

**Contact Hours:** 1-5 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**SPED 42030 ISSUES IN MODERATE-INTENSIVE DISABILITIES 3 Credit Hours**

(Slashed with SPED 52030) Addresses a variety of topics relevant to the education of students with moderate to intensive (MDIN) educational needs, including contemporary issues, evidence-based interventions and the understanding and addressing of mental health issues in educational environments. Prepares pre-service MDIN teachers to understand challenges they are likely to encounter in the classroom, and connects them with local and national professional development resources to help address those challenges.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 42951 EARLY INTERVENTION IN NATURAL ENVIRONMENTS 3 Credit Hours**

Course targets a broad array of early childhood professionals that comprise the field of early intervention from practitioners to future leaders in the field. Primary focus is on identifying natural opportunities for infants and toddlers to acquire and practice functional skills and behaviors. Recommended practice guidelines of the Division for Early Childhood indicate that interventions should be embedded and distributed within and across the routines, activities and places that are part of the child's daily experience. Course explores issues related to the various natural environments of the children in search of the routines, activities and places that offer the maximum learning and practice opportunities that are family-centered, developmentally and individually appropriate, culturally sensitive and least intrusive.

**Prerequisite:** Minimum 2.750 overall GPA; and sophomore or higher standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 43010 FAMILY AND PROFESSIONAL COLLABORATION 3 Credit Hours**

(Slashed with SPED 53010) This course provides knowledge and strategies for working with family members of exceptional individuals and members of related professions who provide services to them. Use of collaborative, interdisciplinary, and inter-agency models in special education.

**Prerequisite:** Admission to advanced study or the professional phase; and SPED 23000.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 43021 ASSESSMENT FOR SPECIAL EDUCATION 3 Credit Hours**

(Slashed with SPED 53021) Investigates issues and methods for assessing the academic, behavioral, physiological, mental health, and life skills of individuals with mild, moderate, and intensive disabilities. Interpretation of norm- and criterion formal assessments, creation of alternative assessments, modification of informal assessments, ecological and community-based assessments specific to individuals with low incidence and multiple disabilities.

**Prerequisite:** SPED 23000.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 43022 INDIVIDUALIZED PROGRAMMING AND ASSESSMENT IN SPECIAL EDUCATION 3 Credit Hours**

(Slashed with SPED 53022) Course provides students with the knowledge and skills to select appropriate screening and assessment tools for the purpose of determining eligibility for special education services. In addition, students learn how to administer, score and use assessment results to develop an individualized education program (IEP) for students identified with disabilities.

**Prerequisite:** Admission to advanced standing; and SPED 24000.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 43030 APPLIED BEHAVIOR ANALYSIS I: THEORY AND TECHNIQUES 3 Credit Hours**

(Slashed with SPED 53030) Theory and techniques associated with applied behavior analysis. Approaches for establishing, implementing, maintaining and monitoring skill development are emphasized. Procedures for assessing and modifying classroom environments/instructional techniques to enhance learning/behavior of individuals with disabilities, with specific emphasis on preventing, increasing positive and decreasing inappropriate behavior are introduced. 25 field hours.

**Prerequisite:** Admission to advanced study or the professional phase; and SPED 23000.

**Schedule Type:** Lecture, Practical Experience

**Contact Hours:** 2.5 lecture, 1.5 other

**Grade Mode:** Standard Letter

**SPED 43031 APPLIED BEHAVIOR ANALYSIS II: APPLICATION 3 Credit Hours**

Equips students with the skills necessary to integrate the technology of applied behavior analysis (as learned in SPED 43030, Applied Behavior Analysis I) with the analytical skills necessary to prevent, teach, manage and assess behavior. Specific behavioral interventions are presented. Includes 40 field hours.

**Prerequisite:** Admission to advanced study; and SPED 43030.

**Schedule Type:** Lecture, Practical Experience

**Contact Hours:** 2 lecture, 3 other

**Grade Mode:** Standard Letter

**SPED 43040 LANGUAGE AND READING IN SPECIAL EDUCATION 3 Credit Hours**

(Slashed with SPED 53040) Course focuses on instructional approaches to teaching reading and language arts to students with disabilities. Major emphasis throughout is on research-based techniques to improve student reading performance, focusing on the direct instruction approach to teaching reading. Students develop intervention strategies to adapt instructional techniques, materials and assessments to meet the needs of diverse learners with disabilities.

**Prerequisite:** Admission to advanced study; and SPED 23000.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 43041 SUPPLEMENTAL AND INTENSIVE INSTRUCTION FOR MATHEMATICAL DIFFICULTIES 3 Credit Hours**

This course provides students with the knowledge and skills to plan, deliver, and evaluate supplemental and intensive math instruction using research-based programs and practices. Data based individualization will be used to determine what and how to teach to promote mastery and understanding of critical math skills and concepts. Students learn effective strategies and instructional approaches for improving outcomes for students experiencing persistent difficulties learning math, including students with disabilities.

**Prerequisite:** Admission to advanced study.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 43050 CHARACTERISTICS OF STUDENTS WITH MILD/MODERATE INTERVENTION NEEDS 3 Credit Hours**

Definitions, causes and characteristics, and social and educational implications of learning, developmental and emotional/behavioral disorders of students identified with mild/moderate disabilities. Methods of assessment and interventions, current issues.

**Prerequisite:** SPED 23000.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 43051 CHARACTERISTICS OF STUDENTS WITH MODERATE/INTENSIVE INTERVENTION NEEDS 3 Credit Hours**

Overview of specific facets and causes of severe disabilities, physical/psychological aspects, family societal responses political trends etiology and medical implications educational and vocational programming assessment and treatment planning assistive technology.

**Prerequisite:** SPED 23000.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 43062 CURRICULUM METHODS MILD/MODERATE INTERVENTION 3 Credit Hours**

(Slashed with SPED 53062) Effective methods for teaching students with mild to moderate disabilities. Research-based practices for individualizing the general education curriculum. Emphasis on specially designed instruction, collaboration, and team-based problem solving.

**Prerequisite:** Admission to advanced study or the professional phase; and SPED 24000.

**Corequisite:** SPED 44092.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 43063 CURRICULUM METHODS MODERATE/INTENSIVE INTERVENTION 3 Credit Hours**

(Slashed with SPED 53063) Delivery and adaptation of evidence based practices for students with moderate to intensive educational needs. An emphasis is placed on instruction of functional academic and life skills within naturalistic contexts.

**Prerequisite:** Admission to advanced study or the professional phase.

**Corequisite:** SPED 44192.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 43070 PLANNING AND PROGRAMMING FOR TRANSITIONS 3 Credit Hours**

This course discusses transitions that occur throughout the lifespan for individuals with and without disabilities, and the planning, support development and services available to successfully accomplish them. Introduction to community agencies and adult services.

**Prerequisite:** SPED 43050 or SPED 43051.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 43080 ASSISTIVE TECHNOLOGY FOR STUDENTS WITH DISABILITIES 3 Credit Hours**

(Slashed with SPED 53080) Examines the application of high and low technology assistive devices for students with intensive intervention needs. Analysis of technology needs; selection/development of technology; training/evaluation of technology use by students.

**Prerequisite:** Admission to advanced study or professional phase; and SPED 43050 or SPED 43051.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 43306 FUNDAMENTALS OF AUDIOLOGY FOR STUDENTS WITH HEARING LOSS 3 Credit Hours**

(Slashed with SPED 53306) This course focuses on providing non-audiology majors, specifically deaf education, educational interpreting, and ASL majors, with knowledge to support and serve children with a variety of hearing disorders in the educational setting.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 43307 LISTENING, LANGUAGE AND PHONEMIC DEVELOPMENT FOR INDIVIDUALS WITH HEARING LOSS 3 Credit Hours**

(Slashed with SPED 53307) This class focuses on listening, language and phonemic development for individuals with hearing loss. Specific areas will focus on typical language development and the impacts of hearing loss on language development in receptive, expressive, semantic, phonological, social, morphological and syntactical domains with an emphasis on reading and written language. The Auditory-Visual continuum, SCALES, along with strategies for zone of development will be focused on with auditory development strategies.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 43309 INTRODUCTION TO DEAF STUDIES (ELR) (WIC) 3 Credit Hours**

(Cross-listed with ASL 49309) (Slashed with SPED 53309) Introductory survey course designed to provide informational base and understanding of the unique experiences of Deaf people as a cultural minority. Course includes a discussion of: the history of deaf education, etiology and prevalence data, service delivery systems, the process of diagnosis and discovery of hearing loss, issues associated with assessment, and the various communication systems used by deaf individuals. Specifically, topics discussed will include historical, medical, and cultural perspectives regarding the interactions between Deaf and hearing cultural groups and the resulting impact on social, academic-educational, and vocational experiences of deaf children, adults, and their families.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**Attributes:** Experiential Learning Requirement, Writing Intensive Course

**SPED 43310 LANGUAGE DEVELOPMENT FOR DEAF AND HARD-OF-HEARING STUDENTS 3 Credit Hours**

(Slashed with SPED 53310) Reviews research, theories and theorists in the field of language development for hearing and deaf children; develops awareness of language differences commonly demonstrated by deaf and hard-of-hearing children; demonstrates ways to assess linguistic differences and facilitate instruction. Six topic areas include theories of language development (review), language and cognition, normal language acquisition in signed and spoken languages, child-caregiver interaction, language learning in a bilingual setting and language assessment. Students gain foundational understanding of language development and awareness of classroom applications for this knowledge. Deaf Education majors must achieve a minimum grade of B (3.000) in SPED 43309 before registering for this course.

**Prerequisite:** Admission to advanced study; and SPED 43309; and ASL 19202; and special education major or ASL english interpreting major.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 43311 INSTRUCTION OF DEAF/HARD-OF-HEARING STUDENTS WITH SPECIAL NEEDS 3 Credit Hours**

IEP and transition planning strategies and program content for deaf/hard-of-hearing students w/ADHD, BD, DD, VI, DB, LD, CMI, TBI, chronically health impaired/medically fragile, gifted. Curriculum and lesson development and adaptation for impacted areas.

**Prerequisite:** Admission to advanced study; and SPED 43313 with a minimum B grade.

**Corequisite:** SPED 43392.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 43313 LITERACY ASSESSMENT AND INTERVENTION FOR DEAF/HARD-OF-HEARING STUDENTS 6 Credit Hours**

(Slashed with SPED 53313) Theoretical overview of integrated linguistics curriculum and reading theories. Strategies to address DHH difficulties and barriers, instructional planning and materials design, and ongoing assessment strategies. Course includes a practicum placement.

**Prerequisite:** Admission to advanced study; and SPED 43310 with a minimum B grade; and CI 47504 or ECED 40126.

**Pre/corequisite:** ASL 29202.

**Corequisite:** SPED 43392.

**Schedule Type:** Lecture

**Contact Hours:** 6 lecture

**Grade Mode:** Standard Letter

**SPED 43324 CURRICULUM METHODS AND MATERIALS FOR DEAF/HARD-OF-HEARING STUDENTS 3 Credit Hours**

Designed to provide students with basic knowledge and skills needed to effectively design and implement instruction for deaf and hard-of-hearing students. Conducted through a combination of lectures, discussions, demonstrations and group activities. Upon successful completion, students possess foundational understanding of how to design and implement lessons and curriculum with students who are deaf and hard of hearing.

**Prerequisite:** Admission to advanced study; and SPED 43313 with a minimum C grade; and CI 47501 and CI 47502.

**Corequisite:** SPED 43392.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 43392 PRACTICUM: DEAF EDUCATION (ELR) 1-3 Credit Hours**

(Repeatable for a maximum of 3 credit hours) This classroom and field-based experience is designed to provide pre-service deaf education teachers with the opportunity to develop professional-level skills in working with deaf and hard-of-hearing (DHH) students. The field component will provide experience in working with DHH students with diverse needs, disabilities and ethnic-cultural backgrounds. The class will address appropriate lesson planning and implementation. Students will spend a minimum of 50 hours in the educational setting (a classroom/educational environment) working with at least one student with hearing loss.

**Prerequisite:** Deaf education concentration in the special education major.

**Schedule Type:** Practical Experience

**Contact Hours:** 3.33-10 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**Attributes:** Experiential Learning Requirement

**SPED 43953 FAMILY PROFESSIONAL COLLABORATION IN EARLY CHILDHOOD 3 Credit Hours**

The course is specifically designed to examine issues facing families and professionals serving young children with disabilities and those who are at-risk. This course will provide students with theory, general principles, and procedures for fostering partnerships among families, professionals, students, and other stakeholders that lead to outcomes of individual and mutual empowerment.

**Prerequisite:** Minimum 2.750 overall GPA; and sophomore or higher standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 43954 PRACTICAL APPLICATION: TEAMING 3 Credit Hours**

The purpose of this course is to help students understand and apply the principles of effective collaborative teaming as related to their professional roles and responsibilities in a variety of educational settings serving young children with disabilities. A range of topics will be addressed throughout the course, including team models, consultation, reflective practices, effective meetings, conflict resolution and communication skills and coaching.

**Prerequisite:** Minimum 2.750 overall GPA; and sophomore or higher standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 43955 TYPICAL AND ATYPICAL DEVELOPMENT IN YOUNG CHILDREN 3 Credit Hours**

This course provides an overview of typical and atypical development in young children from birth through age eight, both at the pre-natal and peri-natal levels. Traditional and modern theories of development are discussed within an ecological framework, with an emphasis on brain research, risk factors, culture, and the implications of atypical development as it relates to play and learning. Emphasis on the interrelatedness of development as well as the sequences of development (pedagogical, developmental and logical) is explored.

**Prerequisite:** Minimum 2.750 overall GPA; and sophomore or higher standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 43958 FOUNDATIONS IN EARLY CHILDHOOD SERVICES 3 Credit Hours**

This course is designed to provide an overview of topics and issues in regard to young children with disabilities within the context of family and current society. This course is a foundational course relevant to early childhood intervention (ECI) professionals from a variety of fields, and includes the current practices in serving young children and their families. All the information provided is interdisciplinary, inclusive and family-focused by nature. The core principles of the Individuals with Disabilities Education Improvement Act (IDEIA) will be reviewed with specific emphasis on Part B 619 and Part C provisions.

**Prerequisite:** Minimum 2.750 overall GPA; and sophomore or higher standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 43964 ASSESSMENT AND EVALUATION IN EARLY INTERVENTION AND EARLY CHILDHOOD SPECIAL EDUCATION 3 Credit Hours**

This course provides an overview of assessment and evaluation in early childhood services. We will examine a range of systems for comparing and observing early childhood services, practices, for young children and families including: screening, eligibility, programmatic assessment, performance monitoring, program evaluation, and accountability. The theoretical concepts of assessment and program evaluation in early childhood services will be investigated in this course, and there will also be opportunities for you to apply this knowledge of assessment instruments, curriculum and instructional strategies and program evaluation methods to intervention settings. Issues and trends related to assessing young children with disabilities (e.g., assessing family outcomes, cultural and linguistic differences) will also be discussed.

**Prerequisite:** Minimum 2.750 overall GPA; and sophomore or higher standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 43991 SEMINAR IN SPECIAL EDUCATION 1-3 Credit Hours**

(Repeatable for credit) Undergraduate seminar in special education; varied topics.

**Prerequisite:** Admission to advanced study.

**Schedule Type:** Seminar

**Contact Hours:** 1-3 other

**Grade Mode:** Standard Letter

**SPED 43995 SPECIAL TOPICS IN SPECIAL EDUCATION 1-4 Credit Hours**

(Repeatable for credit) Selected topics intended to encourage interdisciplinary study to cover areas not treated adequately in traditional coursework and to make available promptly the new and significant experience of faculty within Special Education.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 1-4 lecture

**Grade Mode:** Standard Letter

**SPED 43996 INDIVIDUAL INVESTIGATION IN SPECIAL EDUCATION 1-10 Credit Hours**

(Repeatable for credit) (Cross-listed with ASL 49096)

**Prerequisite:** Special approval.

**Schedule Type:** Individual Investigation

**Contact Hours:** 1-10 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**SPED 44020 MEDICAL ASPECTS OF AUTISM SPECTRUM DISORDERS 3 Credit Hours**

(Cross-listed with SPA 44020) Description of medical issues facing individuals with autism spectrum disorders (ASD) and their families. Examination of etiology, co-occurring disabilities and disorders, and treatment options in relation to individuals with ASD.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 44092 FIELD EXPERIENCE FOR MILD/MODERATE INTERVENTION SPECIALIST (ELR) 3 Credit Hours**

(Repeatable for credit) Field assignments in conjunction with mild-moderate coursework. Evaluates students in personal conduct, communication skills, instructional design and methods, and impact on student learning aligned with CEC standards.

**Prerequisite:** Admission to advanced study or the professional phase.

**Corequisite:** SPED 43062.

**Schedule Type:** Practical Experience

**Contact Hours:** 9 other

**Grade Mode:** Satisfactory/Unsatisfactory

**Attributes:** Experiential Learning Requirement

**SPED 44192 FIELD EXPERIENCE FOR MODERATE/INTENSIVE INTERVENTION SPECIALIST (ELR) 3 Credit Hours**

(Repeatable for credit) Field assignments in conjunction with moderate-intensive coursework. Evaluates students in personal conduct, communication skills, instructional design and methods, and impact on student learning aligned with CEC standards.

**Prerequisite:** Admission to advanced study or the professional phase.

**Corequisite:** SPED 43063.

**Schedule Type:** Practical Experience

**Contact Hours:** 9 other

**Grade Mode:** Satisfactory/Unsatisfactory

**Attributes:** Experiential Learning Requirement

**SPED 44309 AUTISM SPECTRUM DISORDERS: THEORY AND DIAGNOSIS 3 Credit Hours**

(Cross-listed with SPA 64309 and SPA 74309) (Slashed with SPED 64309) Provides an overview of Autism Spectrum Disorders (ASD). Examines the history, characteristics, and prevalence of ASD. Assessment and intervention models are explored as they relate to various theoretical models for understanding ASD.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 44492 STUDENT TEACHING IN SPECIAL EDUCATION (ELR)****4-9 Credit Hours**

Provides opportunity to demonstrate skills in teaching. Students placed in education-based settings; assume total teaching responsibilities of students with exceptionalities for 480 clock hours under the supervision of the school-based mentor teacher and the university supervisor. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school-agency before the first day of the semester in which student teaching internship will take place. Official valid certification of Child Safety Training, approved Basic Life Support and A.L.I.C.E. Training must be presented to the campus office of clinical experience or designated faculty-staff at Regional campuses as prerequisite for student teaching. Training must be presented to the campus office of clinical experience or designated faculty/staff at college of applied and technical studies' campuses as prerequisite for student teaching.

**Prerequisite:** Admission to advanced study; and official valid certification of child safety Training, approved Basic Life Support and ALICE.

**Corequisite:** SPED 49525.

**Schedule Type:** Practical Experience

**Contact Hours:** 17-35 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**Attributes:** Experiential Learning Requirement

**SPED 44951 CREATING LEGALLY DEFENSIBLE INDIVIDUAL FAMILY SERVICE PLANS AND INDIVIDUALIZED EDUCATION PROGRAMS (WIC)**  
**3 Credit Hours**

In this course, students will become familiar with the federal law and state rules as well as recommended practices governing IFSP and IEP development. Students will use this knowledge to competently develop and prepare to implement IFSP outcomes and strategies, and or IEP goals, objectives and benchmarks through the identification of appropriate strategies as well as related supports and services. Family-centered, strengths-based planning and collaboration within the teaming approach will be emphasized. Students will learn about the process of facilitating the development, implementation, and monitoring of the IFSP and IEP as well as learn about the products of this process.

**Prerequisite:** Minimum 2.750 overall GPA; SPED 43021; and admission to advanced study.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**Attributes:** Writing Intensive Course

**SPED 45089 VARIABLE TOPIC INTERNATIONAL EXPERIENCE IN SPECIAL EDUCATION (ELR)** 1-4 Credit Hours

(Slashed with SPED 55089 and SPED 75089) A faculty-led study abroad experience that integrates traditional classroom learning with experiential activities and site visits outside the United States. International experience courses may have pre- and post-travel classroom study. Course activities may include, but are not limited to, classroom study, research, field work, internships and service learning.

**Prerequisite:** None.

**Schedule Type:** International Experience

**Contact Hours:** 1-4 other

**Grade Mode:** Standard Letter-IP

**Attributes:** Experiential Learning Requirement

**SPED 45090 VARIABLE TOPIC STUDY AWAY EXPERIENCE IN SPECIAL EDUCATION (ELR)** 1-4 Credit Hours

(Slashed with SPED 55090 and SPED 75090) A faculty-led study out-of-classroom experience that integrates traditional classroom learning with experiential activities and site visits within the United States. Study away courses may have pre- and post-travel classroom study. Course activities may include, but are not limited to, classroom study, research, field work, internships and service learning.

**Prerequisite:** None.

**Schedule Type:** Study Away

**Contact Hours:** 1-4 other

**Grade Mode:** Standard Letter-IP

**Attributes:** Experiential Learning Requirement

**SPED 48880 DEAF EDUCATION TEACHING LABORATORY** 1-3 Credit Hours

(Repeatable for credit) The purpose of the "teaching lab" is to provide pre-service teachers with the opportunity to develop their teaching skills prior to student teaching experiences, and to be more effective in their practicum placements. This is accomplished through the planning, teaching, and reflection of mock lessons. Through the "teaching lab" experience, pre-service deaf education teachers will have the opportunity to develop professional-level skills necessary for working with deaf and hard-of-hearing (DHH) students, along with self-reflection and giving and/or receiving feedback. Participating faculty members will observe and assess pre-service teachers as they develop their teaching skills and understanding of what it means to be a professional in the field.

**Prerequisite:** Enrollment in advanced study.

**Schedule Type:** Laboratory

**Contact Hours:** 2-6 lab

**Grade Mode:** Satisfactory/Unsatisfactory

**SPED 49525 INQUIRY SEMINAR INTO PROFESSIONAL PRACTICE** 3 Credit Hours

Focus on effective, ethical and responsible implication of professional practice. Provides vehicle to articulate and demonstrate professional competencies, commitment and ethical decision making for providing services to students.

**Prerequisite:** Admission to advanced study.

**Corequisite:** SPED 44492.

**Schedule Type:** Seminar

**Contact Hours:** 3 other

**Grade Mode:** Standard Letter

**SPED 50093 VARIABLE TITLE WORKSHOP IN SPECIAL EDUCATION** 1-5 Credit Hours

(Slashed with SPED 40093 and 70093)(Repeatable for credit) Topics of special interest to students desiring to intensify their knowledge in particular areas. Presenters include Kent State University and other institution faculty. Offered irregularly.

**Prerequisite:** Graduate standing.

**Schedule Type:** Workshop

**Contact Hours:** 1-5 other

**Grade Mode:** Satisfactory/Unsatisfactory

**SPED 52030 ISSUES IN MODERATE-INTENSIVE DISABILITIES 3****Credit Hours**

(Slashed with SPED 42030) Addresses a variety of topics relevant to the education of students with moderate to intensive (MDIN) educational needs, including contemporary issues, evidence-based interventions and the understanding and addressing of mental health issues in educational environments. Prepares pre-service MDIN teachers to understand challenges they are likely to encounter in the classroom, and connects them with local and national professional development resources to help address those challenges.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 53010 FAMILY AND PROFESSIONAL COLLABORATION 3****Credit Hours**

(Slashed with SPED 43010) This course provides knowledge and strategies for working with family members of exceptional individuals and members of related professions who provide services to them. Use of collaborative, interdisciplinary, and inter-agency models in special education.

**Prerequisite:** SPED 23000; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 53021 ASSESSMENT FOR SPECIAL EDUCATION 3 Credit Hours**

(Slashed with SPED 43021) Investigates issues and methods for assessing the academic, behavioral, physiological, mental health, and life skills of individuals with mild, moderate, and intensive disabilities. Interpretation of norm- and criterion formal assessments, creation of alternative assessments, modification of informal assessments, ecological and community-based assessments specific to individuals with low incidence and multiple disabilities.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 53022 INDIVIDUALIZED PROGRAMMING AND ASSESSMENT IN SPECIAL EDUCATION 3 Credit Hours**

(Slashed with SPED 43022) Course provides students with the knowledge and skills to select appropriate screening and assessment tools for the purpose of determining eligibility for special education services. In addition, students learn how to administer, score and use assessment results to develop an Individualized Education Program (IEP) for students identified with disabilities.

**Prerequisite:** SPED 24000; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 53030 APPLIED BEHAVIOR ANALYSIS I: THEORY AND TECHNIQUES 3 Credit Hours**

(Slashed with SPED 43030) Theory and techniques associated with applied behavior analysis. Approaches for establishing, implementing, maintaining and monitoring skill development are emphasized. Procedures for assessing and modifying classroom environments/instructional techniques to enhance learning/behavior of individuals with disabilities, with specific emphasis on preventing, increasing positive and decreasing inappropriate behavior are introduced. 25 field hours.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture, Practical Experience

**Contact Hours:** 2.5 lecture, 1.5 other

**Grade Mode:** Standard Letter

**SPED 53031 APPLIED BEHAVIOR ANALYSIS II: APPLICATION 3****Credit Hours**

Equips students with the skills necessary to integrate the technology of applied behavior analysis (as learned in SPED 43030, Applied Behavior Analysis I) with the analytical skills necessary to prevent, teach, manage and assess behavior. Specific behavioral interventions are presented. Includes 40 field hours.

**Prerequisite:** SPED 53030; and graduate standing.

**Schedule Type:** Lecture, Practical Experience

**Contact Hours:** 2 lecture, 3 other

**Grade Mode:** Standard Letter

**SPED 53040 LANGUAGE AND READING IN SPECIAL EDUCATION 3 Credit Hours**

(Slashed with SPED 43040) This course focuses on instructional approaches to teaching language and reading to students with disabilities. The major emphasis throughout the course will be on research based techniques to improve student reading performance, focusing on the direct instruction approach to teaching reading. The course will also include intervention strategies to adapt instructional techniques, materials and assessments to meet the needs of diverse learners with disabilities.

**Prerequisite:** SPED 23000; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 53041 SUPPLEMENTAL AND INTENSIVE INSTRUCTION FOR MATHEMATICAL DIFFICULTIES 3 Credit Hours**

(Slashed with SPED 43041) This course provides students with the knowledge and skills to plan, deliver, and evaluate supplemental and intensive math instruction using research-based programs and practices. Data based individualization will be used to determine what and how to teach to promote mastery and understanding of critical math skills and concepts. Students learn effective strategies and instructional approaches for improving outcomes for students experiencing persistent difficulties learning math, including students with disabilities.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 53050 CHARACTERISTICS OF STUDENTS WITH MILD/MODERATE INTERVENTION NEEDS 3 Credit Hours**

Definitions, causes, characteristics; social, educational implications of learning developmental and emotional behavioral disorders of students identified with mild/moderate disabilities. Methods of assessment and interventions; current issues.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 53051 CHARACTERISTICS OF STUDENTS WITH MODERATE/INTENSIVE INTERVENTION NEEDS 3 Credit Hours**

Overview of specific facets and causes of severe disabilities, physical/psychological aspects family/societal responses, political trends, etiology and medical implications, educational and vocational programming, assessment and treatment planning, assistive technology.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 53062 CURRICULUM METHODS MILD/MODERATE INTERVENTION 3 Credit Hours**

(Slashed with SPED 43062) Effective methods for teaching students with mild to moderate disabilities. Research-based practices for individualizing the general education curriculum. Emphasis on specially designed instruction, collaboration, and team-based problem solving.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 53063 CURRICULUM METHODS MODERATE/INTENSIVE INTERVENTION 3 Credit Hours**

(Slashed with SPED 43063) Delivery and adaptation of evidence based practices for students with moderate to intensive educational needs. An emphasis is placed on instruction of functional academic and life skills within naturalistic contexts.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 53070 PLANNING AND PROGRAMMING FOR TRANSITIONS 3 Credit Hours**

This course addresses life-span community participation and the planning, support, development, and services available to accomplish it. Introduction to community agencies and adult services. 10 clinical 15 field hours.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 53080 ASSISTIVE TECHNOLOGY FOR STUDENTS WITH DISABILITIES 3 Credit Hours**

Examines the application of high and low technology assistive devices for students with intensive intervention needs. Analysis of technology needs; selection/development of technology; training/evaluation of technology use by students.

**Prerequisite:** SPED 53050 or SPED 53051; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 53101 DEAF CULTURE AND COMMUNITY 3 Credit Hours**

(Slashed with ASL 49401) Exploration of historical events and figures from deaf community perspective. Life experiences of "typical" deaf individuals as minority culture representatives interacting with majority culture institutions and processes as depicted in narrative storytelling and folklore.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 53108 AMERICAN SIGN LANGUAGE LINGUISTICS AND USAGE 3 Credit Hours**

(Cross-listed with ASL 49108) Analytical study of American Sign Language syntactic, semantic, morphology and pragmatics; comparison of spoken languages and ASL using the Stokoe system, impact of educational-setting characteristics on linguistic processes.

**Prerequisite:** SPED 4/53100; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 53306 FUNDAMENTALS OF AUDIOLOGY FOR STUDENTS WITH HEARING LOSS 3 Credit Hours**

(Slashed with SPED 43306) This course focuses on providing non-audiology majors, specifically deaf education, educational interpreting, and ASL majors, with knowledge to support and serve children with a variety of hearing disorders in the educational setting.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 53307 LISTENING, LANGUAGE AND PHONEMIC DEVELOPMENT FOR INDIVIDUALS WITH HEARING LOSS 3 Credit Hours**

(Slashed with SPED 43307) This class focuses on listening, language and phonemic development for individuals with hearing loss. Specific areas will focus on typical language development and the impacts of hearing loss on language development in receptive, expressive, semantic, phonological, social, morphological and syntactical domains with an emphasis on reading and written language. The Auditory-Visual continuum, SCALES, along with strategies for zone of development will be focused on with auditory development strategies.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 53309 INTRODUCTION TO DEAF STUDIES 3 Credit Hours**

(Cross-listed with ASL 49309) (Slashed with SPED 43309) Introductory survey course designed to provide informational base and understanding of the unique experiences of Deaf people as a cultural minority. Course includes a discussion of: the history of deaf education, etiology and prevalence data, service delivery systems, the process of diagnosis and discovery of hearing loss, issues associated with assessment, and the various communication systems used by deaf individuals. Specifically, topics discussed will include historical, medical, and cultural perspectives regarding the interactions between Deaf and hearing cultural groups and the resulting impact on social, academic-educational, and vocational experiences of deaf children, adults, and their families.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter



**SPED 53310 LANGUAGE DEVELOPMENT FOR DEAF AND HARD-OF-HEARING STUDENTS 3 Credit Hours**

Reviews research, theories and theorists in the field of language development for hearing and deaf children; develops awareness of language differences commonly demonstrated by deaf and hard-of-hearing children; demonstrates ways to assess linguistic differences and facilitate instruction. Six topic areas include theories of language development (review), language and cognition, normal language acquisition in signed and spoken languages, child-caregiver interaction, language learning in a bilingual setting and language assessment. Students gain foundational understanding of language development and awareness of classroom applications for this knowledge. Deaf Education majors must achieve a minimum grade of B (3.000) in SPED 53309 before registering for this course.

**Prerequisite:** SPED 53309 and ASL 19202; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 53311 INSTRUCTION OF DEAF/HARD-OF-HEARING STUDENTS WITH SPECIAL NEEDS 3 Credit Hours**

IEP and transition planning strategies and program content for deaf/hard-of-hearing students with ADHD, BD, DD,VI,DB, LD, CMI, TBI, chronically health impaired/medically fragile, gifted. Curriculum and lesson development and adaptation for impacted areas.

**Prerequisite:** SPED 53313 with a minimum B grade; and graduate standing.

**Corequisite:** SPED 63392.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 53313 LITERACY ASSESSMENT AND INTERVENTION FOR DEAF/HARD-OF-HEARING STUDENTS 6 Credit Hours**

Theoretical overview of integrated linguistics curriculum and reading theories. Strategies to address DHH difficulties and barriers, instructional planning and materials design, and ongoing assessment strategies. Course includes a practicum placement.

**Prerequisite:** SPED 53310 with a minimum B grade; and CI 67310 or CI 57504; and graduate standing.

**Pre/corequisite:** ASL 29202 and SPED 63392.

**Schedule Type:** Lecture

**Contact Hours:** 6 lecture

**Grade Mode:** Standard Letter

**SPED 53316 EARLY CHILDHOOD DEAF EDUCATION: FAMILY AND CHILD SERVICE PROVISION 3 Credit Hours**

Targets the issues and needs of young deaf/hard-of-hearing children and their families. Topics covered relate to service provision in the home and classroom for deaf/hard-of-hearing children from birth to 5 years of age. Includes 30 hours of work in a practicum placement with a young D/HH child and his/her family.

**Prerequisite:** SPED 4/53310; ASL/SPED 29202 or sign language proficiency interview (SLPI) at intermediate or above; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 53324 CURRICULUM METHODS AND MATERIALS FOR DEAF/HARD OF HEARING STUDENTS 3 Credit Hours**

Designed to provide students with basic knowledge and skills needed to effectively design and implement instruction for deaf and hard-of-hearing students. Conducted through a combination of lectures, discussions, demonstrations and group activities. Upon successful completion, students possess foundational understanding of how to design and implement lessons and curriculum with students who are deaf and hard of hearing.

**Prerequisite:** SPED 53313 with a minimum B grade; and CI 57501 and CI 57502; and graduate standing.

**Corequisite:** SPED 53392.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 53534 SOCIAL/EMOTIONAL COMPONENTS OF GIFTEDNESS 3 Credit Hours**

Affective growth of gifted persons is reviewed through research literature and analysis of case studies. Reviews adjustment problems of gifted youth and adults.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 55089 VARIABLE TOPIC INTERNATIONAL EXPERIENCE IN SPECIAL EDUCATION 1-4 Credit Hours**

(Slashed with SPED 45089 and SPED 75089) A faculty-led study abroad experience that integrates traditional classroom learning with experiential activities and site visits outside the United States. International experience courses may have pre- and post-travel classroom study. Course activities may include, but are not limited to, classroom study, research, field work, internships and service learning.

**Prerequisite:** Graduate standing.

**Schedule Type:** International Experience

**Contact Hours:** 1-4 other

**Grade Mode:** Standard Letter-IP

**SPED 55090 VARIABLE TOPIC STUDY AWAY EXPERIENCE IN SPECIAL EDUCATION 1-4 Credit Hours**

(Slashed with SPED 45090 and SPED 75090) A faculty-led study out-of-classroom experience that integrates traditional classroom learning with experiential activities and site visits within the United States. Study away courses may have pre- and post-travel classroom study. Course activities may include, but are not limited to, classroom study, research, field work, internships and service learning.

**Prerequisite:** Graduate standing.

**Schedule Type:** Study Away

**Contact Hours:** 1-4 other

**Grade Mode:** Standard Letter-IP

**SPED 58880 DEAF EDUCATION TEACHING LABORATORY 1-3 Credit Hours**

(Repeatable for credit) (Slashed with SPED 48880) The purpose of the "teaching lab" is to provide pre-service teachers with the opportunity to develop their teaching skills prior to student teaching experiences, and to be more effective in their practicum placements. This is accomplished through the planning, teaching, and reflection of mock lessons. Through the "teaching lab" experience, pre-service deaf education teachers will have the opportunity to develop professional-level skills necessary for working with deaf and hard-of-hearing (DHH) students, along with self-reflection and giving and/or receiving feedback. Participating faculty members will observe and assess pre-service teachers as they develop their teaching skills and understanding of what it means to be a professional in the field.

**Prerequisite:** Graduate standing.

**Schedule Type:** Laboratory

**Contact Hours:** 2-6 lab

**Grade Mode:** Satisfactory/Unsatisfactory

**SPED 60199 THESIS I 2-6 Credit Hours**

Thesis students must register for a total of 6 hours, 2 to 6 hours in a single semester distributed over several semesters if desired.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Masters Thesis

**Contact Hours:** 2-6 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**SPED 60299 THESIS II 2 Credit Hours**

Thesis students must continue registration each semester until all degree requirements are met.

**Prerequisite:** SPED 60199; and graduate standing.

**Schedule Type:** Masters Thesis

**Contact Hours:** 2 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**SPED 62951 EARLY INTERVENTION IN NATURAL ENVIRONMENTS 3 Credit Hours**

This seminar targets early childhood special education and intervention professionals that comprise the field of early intervention from practitioners to future leaders in the field. Recommended practice guidelines of the Division for Early Childhood (DEC) indicate that interventions should be embedded and distributed within and across the routines, activities and places that are part of the child's daily experience. In keeping with DEC recommendations, this course will explore issues related to the various natural environments of the children in search of the routines, activities, and places that offer the maximum learning and practice opportunities that are family centered, developmentally and individually appropriate, culturally sensitive, and least intrusive.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 63030 PHARMACOLOGICAL INTERVENTIONS IN SPECIAL EDUCATION 3 Credit Hours**

Introduce mechanisms by which drugs act; identify benefits/side effects; implications for delivery/ intervention; monitoring in classroom. Classes of drugs examined; issues examined; delineation of responsibilities and prohibitions.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 63031 PROGRAM DEVELOPMENT IN APPLIED BEHAVIOR ANALYSIS 3 Credit Hours**

Describe and apply methodology and research design in developing and monitoring the effectiveness of behavioral interventions and to use such information to evaluate overall program efficacy. Consideration is given to student characteristics (e.g., underlying disability) when developing and evaluating behavior programs based in applied behavior analysis. Use of specific tools for prioritizing behaviors, evaluating progress, and making treatment program decisions are presented. Issues related to treatment implementation fidelity and behavioral program development are also emphasized.

**Prerequisite:** Graduate standing.

**Pre/corequisite:** SPED 53030.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 63032 ADVANCED INTERVENTIONS FOR ADDRESSING SEVERE BEHAVIOR 3 Credit Hours**

Use and interpretation of functional behavioral assessment in educational settings to lead to the identification of empirically-supported interventions to address the behavioral needs of children. The development, implementation and analysis of functional analysis procedures. Special emphasis given to identifying designing, implementing and assessing the effectiveness of advanced behavioral interventions in consultation. 20 field hours.

**Prerequisite:** SPED 53030, SPED 53031, SPED 63031, SPED 63301 and SPED 63033; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 63033 ETHICAL AND PROFESSIONAL CONDUCT IN APPLIED BEHAVIOR ANALYSIS 3 Credit Hours**

This course provides an intensive focus on ethical and professional conduct as it applies to day-to-day implementation of applied behavior analytic strategies by professional behavior analysts. Responsible conduct of a behavior analyst, ethical responsibilities to clients, colleagues, the field of applied behavior analysis, and society are featured. BACB Guidelines for Responsible Conduct for Behavior Analyst and BACB Disciplinary and Ethical Standards are reviewed and studied. This course focuses on meeting the updated standards for ethics set forth by the Behavior Analyst Certification Board in the BACB Fourth Edition Task List.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 63034 PRINCIPLES AND CONCEPTS IN APPLIED BEHAVIOR ANALYSIS 3 Credit Hours**

This course focuses on the advanced conceptual, philosophical, and theoretical underpinnings of applied behavior analysis and the research literature from which they were derived. This course is designed for those who will pursue certification through the Behavior Analyst Certification Board, and as such, delves deep into the technical aspects of the science of applied behavior analysis. Students will become fluent in such areas as the theories of behavior, principles of operant and respondent conditioning, stimulus class, automatic and socially mediated contingencies, motivating operations, and stimulus control, as well as be able to identify and describe examples of how they are used. Prerequisite: Admission to Behavior Intervention Specialist Certificate; and graduate standing

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 63092 FIELD EXPERIENCE IN SPECIAL EDUCATION 3 Credit Hours**

Provides opportunity to observe master teachers and begin working with students. Students are placed in education-based settings and work with a team of professionals to understand techniques for providing services to students with exceptionalities. Additional seminar meetings.

**Prerequisite:** Graduate standing.

**Schedule Type:** Practical Experience

**Contact Hours:** 9 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**SPED 63101 ADMINISTRATION AND SUPERVISION IN SPECIAL EDUCATION 3 Credit Hours**

Administration of educational programs for exceptional children; improvement of teacher competencies; function of special education supervisors; and special education operations at local, state and national levels.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 63201 CONTEMPORARY ISSUES IN SPECIAL EDUCATION 3 Credit Hours**

(Slashed with SPED 83201) Surveys current research, literature and policy issues that affect identification, assessment and service provision to students with exceptionalities.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 63204 LEGAL AND POLICY FOUNDATIONS OF SPECIAL EDUCATION 3 Credit Hours**

(Slashed with SPED 73204) This course will review the statutory and regulatory foundations of U.S. public policies pertaining to children and youth with disabilities. Key judicial interpretations of those policies will also be reviewed. The course will provide comprehensive overviews of The Individuals with Disabilities Education Act, The Every Student Succeeds Act, The Americans with Disabilities Act, The Vocational Rehabilitation Act, relevant sections of The Social Security Act. In addition, students will gain an awareness of miscellaneous other pieces of legislation and examples of case law pertaining to the education of students with disabilities.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 63300 RESEARCH APPLICATIONS IN SPECIAL EDUCATION 3 Credit Hours**

(Slashed with SPED 73300) Culminating experience in which students apply their content, methods and research skills to develop a final project that addresses an area of special education. Focuses on techniques for answering research questions, developing curriculum, and assimilating knowledge through applied projects.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter-IP

**SPED 63301 SINGLE SUBJECT RESEARCH METHODS 3 Credit Hours**

(Repeatable for credit) This course focuses on design and implementation of high-quality, experimental single subject research studies for the purpose of evaluating the effectiveness of an intervention with a particular individual. Masters students learn about the quality indicators for single subject research methods and how to use them to design a study that is internally valid. Doctoral students learn how to use those quality indicators to design, complete, and submit for publication their own research; and how to use them to evaluate single subject research for critical review. Students also learn how to graph outcome data using traditional visual analysis.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 63392 PRACTICUM IN DEAF EDUCATION 1-3 Credit Hours**

(Repeatable for a maximum of 3 credit hours) This classroom and field-based experience is designed to provide pre-service deaf education teachers with the opportunity to develop professional-level skills in working with deaf and hard-of-hearing (DHH) students. The field component will provide experience in working with DHH students with diverse needs, disabilities, and ethnic-cultural backgrounds. The class will address appropriate lesson planning and implementation. Students will spend a minimum of 50 hours in the educational setting (a classroom/ educational environment) working with at least one student with hearing loss.

**Prerequisite:** Graduate standing.

**Schedule Type:** Practical Experience

**Contact Hours:** 3.3-10 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**SPED 63533 GIFTED SUBPOPULATIONS 3 Credit Hours**

The characteristics and needs of intellectually gifted individuals who often are not high academic achievers are studied with consideration of the implications for school practices.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 63892 EARLY INTERVENTION INTERNSHIP 3 Credit Hours**

(Repeatable for a maximum of 9 credit hours) The Early Intervention Internship involves supervised observation and participation in an early intervention setting(s) for children ages birth to three with developmental delays and disabilities or supervised observation and participation in research and scholarly activities related to the development, delivery, and evaluation of early intervention services to children and their families. Students may be placed at a county board of developmental disabilities, center-, community-, or home-based early intervention program, a developmental center, childcare center, a neonatal intensive care unit (NICU) or other approved placement. The Early Intervention internship will provide students practical experience in an Early Intervention professional setting, one that allows students to develop and refine a variety of skills when working with infants and toddlers with disabilities and their families.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 9 other

**Grade Mode:** Satisfactory/Unsatisfactory

**SPED 63949 AUTISM SPECTRUM DISORDER CAPSTONE 1-3 Credit Hours**

Knowledge and skills gained through participation in the Autism Spectrum Disorders (ASD) program are utilized to develop a project related to the education of individuals with ASD and-or the individuals who support them.

**Prerequisite:** Graduate standing.

**Schedule Type:** Individual Investigation

**Contact Hours:** 3-9 other

**Grade Mode:** Satisfactory/Unsatisfactory

**SPED 63950 CURRICULUM AND INTERVENTION IN EARLY CHILDHOOD SERVICES 3 Credit Hours**

(Slashed with SPED 73950) Knowledge about early childhood intervention (ECI) curriculum and intervention. Students will first learn about what evidence-based practice is, and the curriculum models for home-based and center-based settings. Students will then learn about the ECI multi-tiered systems of support framework, and the different characteristics and intervention strategies across tiers. At the end of the course, students will be ready to support the diverse needs of young children using the multi-tiered system of support in early childhood settings.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 63952 FAMILY AND PROFESSIONAL COLLABORATION IN EARLY CHILDHOOD 3 Credit Hours**

(Cross-listed with ECED 60159) Examines issues facing families and professionals serving young children who are at-risk, disabled and typically developing.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 63953 PRACTICAL APPLICATIONS:BIRTH TO FIVE 3 Credit Hours**

Practical application of recommended practices for young children birth-five. Observation of young children in natural environments. Plan and evaluate intervention with families and professionals. Sixty field hours.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 63954 PRACTICAL APPLICATIONS: TEAMING 3 Credit Hours**

The purpose of this course is to help students understand and apply the principles of effective collaborative teaming as related to their professional roles and responsibilities in a variety of educational settings serving young children with disabilities. A range of topics will be addressed throughout the course, including giving and receiving feedback, reflective practices, effective meeting, conflict resolution and communication skills, developing and providing quality professional development, supervising, coaching, mentoring, working with para-professionals, itinerant teaching, service coordination, and consulting with general educators.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 63955 TYPICAL AND ATYPICAL DEVELOPMENT IN YOUNG CHILDREN 3 Credit Hours**

Overview of typical and atypical development pathways from birth to grade 3 including: theories of behavior, implications of atypical development on play, learning, early childhood development within ecological framework.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 63956 FOUNDATIONS IN EARLY CHILDHOOD SERVICES 3 Credit Hours**

(Cross-listed with ECED 60156) (Slashed with SPED 73956) Overview of issues facing young children within context of family/society including: history, early childhood services, theoretical perspectives, implications of childhood disabilities, and recommended assessment intervention and evaluation.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 63957 ASSESSMENT AND EVALUATION OF EARLY CHILDHOOD SERVICES 3 Credit Hours**

(Slashed with SPED 73957) Examines a range of systems for comparing and observing early childhood services, practices, young children and families: types and purposes of assessment procedures and instruments, monitoring progress.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 63958 EARLY CHILDHOOD INTERVENTION METHODS 3 Credit Hours**

Specific strategies for working with children birth to eight with intensive needs (e.g. cerebral palsy, spina bifida, autism). 30 clinical hours will provide students with the opportunity to practice newly acquired intervention strategies, knowledge and skills.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 63959 MEDICAL ASPECTS OF LIFESPAN DISABILITIES 3 Credit Hours**

Description of medical issues facing individuals with lifespan disabilities and their families. Examination of etiology, co-occurring disabilities and disorders, and treatment options in relation to individuals with Autism Spectrum Disorders and other developmental disabilities.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 63991 SEMINAR IN SPECIAL EDUCATION 1-3 Credit Hours**

(Repeatable for credit) Various topics include: behavior modification, research problems in special education, theories in special education, social processes in special education.

**Prerequisite:** Graduate standing.

**Schedule Type:** Seminar

**Contact Hours:** 1-3 other

**Grade Mode:** Standard Letter

**SPED 63992 STUDENT TEACHING IN SPECIAL EDUCATION 4-8 Credit Hours**

(Repeatable for maximum of 8 credit hours) Provides opportunity to demonstrate skills in teaching. Students placed in education-based settings; assume total teaching responsibilities of students with exceptionalities for 480 clock hours under the supervision of the school-based mentor teacher and the university supervisor. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school agency before the first day of the semester in which student teaching internship will take place. Official valid certification of Child Safety Training, approved Basic Life Support and A.L.I.C.E. Training must be presented to the campus office of clinical experience or designated faculty-staff at Regional campuses as prerequisite for student teaching. Training must be presented to the campus office of clinical experience or designated faculty/staff at college of applied and technical studies' campuses as prerequisite for student teaching; and graduate standing; and special approval.

**Prerequisite:** Official valid certification of Child Safety Training, approved Basic Life Support and ALICE.

**Corequisite:** SPED 69525.

**Schedule Type:** Practical Experience

**Contact Hours:** 17-35 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**SPED 63995 SPECIAL TOPICS IN SPED 1-3 Credit Hours**

(Repeatable for credit) Specialized offerings in response to emerging or selected program needs.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 1-3 lecture

**Grade Mode:** Standard Letter

**SPED 63996 INDIVIDUAL INVESTIGATION IN SPECIAL EDUCATION 1-10 Credit Hours**

(Repeatable for credit)

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Individual Investigation

**Contact Hours:** 1-10 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**SPED 63998 RESEARCH:SPECIAL EDUCATION 1-10 Credit Hours**

(Repeatable for credit)

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Research

**Contact Hours:** 1-10 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**SPED 64200 CURRICULUM METHODS FOR TRANSITION PLANNING AND COLLABORATION 3 Credit Hours**

This course focuses upon the development of transition agreements and collaboration between secondary transition specialists and other transition stakeholders (e.g., elementary school regular educators, parents of students with disabilities, adult service programs). Particular emphasis is placed upon infusing vocational, and non-vocational, transition planning in the curricula for individuals with moderate-to-intensive disabilities at all academic grade levels. 100 field hours are required for this course.

**Prerequisite:** SPED 53070; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 64309 AUTISM SPECTRUM DISORDERS: THEORY AND DIAGNOSIS 3 Credit Hours**

(Cross-listed with SPA 64309 and SPA 74309) (Slashed with SPED 44309) Provides an overview of Autism Spectrum Disorders (ASD). Examines the history, characteristics, and prevalence of ASD. Assessment and intervention models are explored as they relate to various theoretical models for understanding ASD.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 64310 AUTISM SPECTRUM DISORDERS: LIFESPAN INTERVENTIONS 3 Credit Hours**

(Cross-listed with SPA 64310 and SPA 74310) Provides students with a review of the significant aspects related to educational, social, vocational transitions for children, adolescents, and young adults with Autism Spectrum Disorders (ASD). Students learn skills necessary to evaluate and develop programs designed to meet the changing and long term needs of individuals with ASD.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 64892 ADVANCED PRACTICUM 3-4 Credit Hours**

(Repeatable for credit) The purpose of this advanced practicum is to integrate the knowledge and skills acquired through prior curricula to a field-based setting assisting individuals with disabilities. Settings may include, but are not limited to, general education and special education classrooms as well as therapeutic, residential and vocational programs.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 9-12 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**SPED 64951 DEVELOPING AN INDIVIDUALIZED FAMILY SERVICE PLAN AND INDIVIDUALIZED EDUCATION PROGRAM 3 Credit Hours**

Designed to increase students understanding regarding federal and state rules for developing IEPs for P-12 students and IFSPs for young children and their families. Students will learn how to write functional and measurable IEP goals, objectives and IFSP outcomes, and to use assessment information directly for identifying, writing, and monitoring IFSP outcomes and IEP goals. This course will also teach how to form partnerships with families around developing, implementing and evaluating the IFSP and IEP.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 69525 INQUIRY PROFESSIONAL PRACTICE 3 Credit Hours**

This course is to support students during their student teaching experience in the last semester of the program. Planning for instruction and assessment, instructing and engaging students in various special education settings, and assessing learning outcomes are the focus of this course. The course also includes information specific to the professional responsibilities in their placements.

**Prerequisite:** Graduate standing.

**Corequisite:** SPED 63992.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 70092 COLLEGE TEACHING AND PRACTICUM 3 Credit Hours**

(Repeatable for credit) The content of this course will focus on major aspects of teaching in higher education, including topics such as philosophy of teaching, principles of adult learning, instructional strategies, and assessment. Students will apply their knowledge by participating in activities related to course and material development as well as delivery and grading of an undergraduate or masters level course under the direct supervision of a faculty member.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture, Practical Experience

**Contact Hours:** 1 lecture, 4 other

**Grade Mode:** Standard Letter

**SPED 70093 VARIABLE TITLE WORKSHOP IN SPECIAL EDUCATION 1-5 Credit Hours**

(Slashed with SPED 40093 and SPED 50093)(Repeatable for credit) Topics of special interest to students desiring to intensify their knowledge in particular areas. Presenters include Kent State University and other institution faculty. Offered irregularly.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Workshop

**Contact Hours:** 1-5 other

**Grade Mode:** Satisfactory/Unsatisfactory

**SPED 73030 PHARMACOLOGICAL INTERVENTIONS IN SPECIAL EDUCATION 3 Credit Hours**

Introduce mechanisms by which drugs act; identify benefits/side effects; implications for delivery/intervention; monitoring in classroom. Classes of drugs examined; issues examined; delineation of responsibilities and prohibitions.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 73204 LEGAL AND POLICY FOUNDATIONS OF SPECIAL EDUCATION 3 Credit Hours**

(Slashed with SPED 63204) This course will review the statutory and regulatory foundations of U.S. public policies pertaining to children and youth with disabilities. Key judicial interpretations of those policies will also be reviewed. The course will provide comprehensive overviews of The Individuals with Disabilities Education Act, The Every Student Succeeds Act, The Americans with Disabilities Act, The Vocational Rehabilitation Act, relevant sections of The Social Security Act. In addition, students will gain an awareness of miscellaneous other pieces of legislation and examples of case law pertaining to the education of students with disabilities.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 73300 RESEARCH APPLICATIONS IN SPECIAL EDUCATION 3 Credit Hours**

(Slashed with SPED 63300) Culminating experience in which students apply their content, methods and research skills to develop a final project that addresses an area of special education. Focuses on techniques for answering research questions, developing curriculum, and assimilating knowledge through applied projects.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter-IP

**SPED 73950 CURRICULUM AND INTERVENTION IN EARLY CHILDHOOD SERVICES 3 Credit Hours**

(Slashed with SPED 63950) Knowledge about early childhood intervention (ECI) curriculum and intervention. Students will first learn about what evidence-based practice is, and the curriculum models for home-based and center-based settings. Students will then learn about the ECI multi-tiered systems of support framework, and the different characteristics and intervention strategies across tiers. At the end of the course, students will be ready to support the diverse needs of young children using the multi-tiered system of support in early childhood settings.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 73956 FOUNDATIONS IN EARLY CHILDHOOD SERVICES 3 Credit Hours**

(Cross-listed with ECED 60156) (Slashed with SPED 63956) Overview of issues facing young children within context of family/society including: history, early childhood services, theoretical perspectives, implications of childhood disabilities, and recommended assessment intervention and evaluation.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 73957 ASSESSMENT AND EVALUATION OF EARLY CHILDHOOD SERVICES 3 Credit Hours**

(Slashed with SPED 73957) Examines a range of systems for comparing and observing early childhood services, practices, young children and families: types and purposes of assessment procedures and instruments monitoring progress.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 73991 SEMINAR IN SPECIAL EDUCATION 1,3 Credit Hour**

(Repeatable for credit) Various topics include: behavior modification, research problems in special education, theories in special education, social processes in special education.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Seminar

**Contact Hours:** 1-3 other

**Grade Mode:** Standard Letter

**SPED 73995 SPECIAL TOPICS IN SPED 1-3 Credit Hours**

(Repeatable for credit) Specialized offerings in response to emerging or selected program needs.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 1-3 lecture

**Grade Mode:** Standard Letter

**SPED 73996 INDIVIDUAL INVESTIGATION IN SPECIAL EDUCATION 1-10 Credit Hours**

(Repeatable for credit)

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Individual Investigation

**Contact Hours:** 1-10 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**SPED 74200 CURRICULUM METHODS FOR TRANSITION PLANNING AND COLLABORATION 3 Credit Hours**

(Slashed with SPED 64200) This course focuses upon the development of transition agreements and collaboration between secondary transition specialists and other transition stakeholders (e.g., elementary school regular educators, parents of students with disabilities, adult service programs). Particular emphasis is placed upon infusing vocational, and non-vocational, transition planning in the curricula for individuals with moderate-to-intensive disabilities at all academic grade levels. 100 field hours are required for this course.

**Prerequisite:** SPED 53070; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 75089 VARIABLE TOPIC INTERNATIONAL EXPERIENCE IN SPECIAL EDUCATION 1-4 Credit Hours**

(Slashed with SPED 45089 and SPED 55089) A faculty-led study abroad experience that integrates traditional classroom learning with experiential activities and site visits outside the United States. International experience courses may have pre- and post-travel classroom study. Course activities may include, but are not limited to, classroom study, research, field work, internships and service learning.

**Prerequisite:** Doctoral standing.

**Schedule Type:** International Experience

**Contact Hours:** 1-4 other

**Grade Mode:** Standard Letter-IP

**SPED 75090 VARIABLE TOPIC STUDY AWAY EXPERIENCE IN SPECIAL EDUCATION 1-4 Credit Hours**

(Slashed with SPED 45090 and SPED 55090) A faculty-led study out-of-classroom experience that integrates traditional classroom learning with experiential activities and site visits within the United States. Study away courses may have pre- and post-travel classroom study. Course activities may include, but are not limited to, classroom study, research, field work, internships and service learning.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Study Away

**Contact Hours:** 1-4 other

**Grade Mode:** Standard Letter-IP

**SPED 80001 SPECIAL EDUCATION RESIDENCY 3 Credit Hours**

This course is designed to provide beginning SPED doctoral students skills and knowledge in the following global areas: information literacy and plagiarism, basic APA style writing and building a writing routine. Additionally, the course will prepare students in the following SPED specific areas: effectively synthesizing intervention based empirical research, establishing a line of inquiry in the disability related fields, and developing a CV for disability related positions in Higher Education. Overall, the course will help students to understand life in academia during the doctoral studies in SPED and life after graduation conducting timely SPED research and teaching SPED content (e.g., institutional differences for SPED higher education jobs, tenure, work and life balance, time management, etc).

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter-IP

**SPED 80002 ANALYSIS OF THE LITERATURE IN SPECIAL EDUCATION 3 Credit Hours**

This course is designed to assist doctoral students in the acquisition, organization, and interpretation of information about research in special education. The seminar introduces students to the nature of inquiry and the process of generating questions about a broad array of disability-related research topics. Students will gain knowledge to analyze critically the outcomes of research in special education.

**Prerequisite:** SPED 80001; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter-IP

**SPED 80003 IMPLEMENTATION SCIENCE IN SPECIAL EDUCATION 3 Credit Hours**

This course is designed to provide students an overview of implementation science, and seminal leadership and systems change literature. The course will describe current state of the science of implementation, and identify strategies that foster the effective transmission and implementation of innovative programs in intervention focused disability studies special education fields. Students analyze and apply the literature at the teacher, family, school building, district, state and federal levels. Students will gain skills and knowledge in implementation drivers that have the potential in reducing the research to practice gap, and increasing the integration of evidence based practices. Strategies for developing and mobilizing stakeholders to support the process of change will be covered.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 80005 EMPIRICAL INVESTIGATIONS IN SPECIAL EDUCATION 3 Credit Hours**

The course is intended to help students solidify their knowledge, skills, and dispositions related to research design, research methods, and scholarly writing by applying and expanding them in the context of special education research. Students will review and analyze quality indicators for special education research, critique select special education research literature, and develop a preliminary research proposal.

**Prerequisite:** SPED 80002; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 80040 RESEARCH GRANT DEVELOPMENT FOR DISABILITY PROGRAMS 3 Credit Hours**

Students develop and write research proposals for grant competitions focusing on disability issues. Considerations for types of competitions and funding sources are discussed. Focus of instruction is related to how to describe the importance of the research proposed, research methods identified, budget, administration of grant activities and evaluation of implementation.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 other

**Grade Mode:** Standard Letter-IP

**SPED 80090 DOCTORAL RESIDENCY SEMINAR 3 Credit Hours**

Provides students with the opportunity to synthesize courses, research and practice by focusing on diverse issues and topics. Ordinarily, SPED 80090 is taken no earlier than the second year of doctoral studies as a culminating course in the doctoral sequence.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Seminar

**Contact Hours:** 3 other

**Grade Mode:** Standard Letter

**SPED 80091 DOCTORAL RESIDENCY SEMINAR 3 Credit Hours**

Provides students with the opportunity to synthesize courses, research and practice by focusing on diverse issues and topics. Ordinarily, SPED 80091 is taken no earlier than the second year of doctoral studies as a culminating course in the doctoral sequence.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Seminar

**Contact Hours:** 3 other

**Grade Mode:** Standard Letter

**SPED 80199 DISSERTATION I 15 Credit Hours**

(Repeatable for credit) Doctoral dissertation for which registration in at least two semesters is required, first of which will be semester in which dissertation work is begun and continuing until the completion of 30 hours.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Dissertation

**Contact Hours:** 3 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**SPED 80299 DISSERTATION II 15 Credit Hours**

(Repeatable for credit) Continuing registration required of doctoral students who have completed the initial 30 hours of dissertation and continuing until all degree requirements are met.

**Prerequisite:** SPED 80199; and doctoral standing.

**Schedule Type:** Dissertation

**Contact Hours:** 15 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**SPED 83201 CONTEMPORARY ISSUES IN SPECIAL EDUCATION 3 Credit Hours**

(Slashed with SPED 63201) This course is designed to help doctoral students to develop (a) foundational knowledge for understanding important and controversial issues in special education and related disciplines; (b) skills in critical analysis and synthesis of research; and, (c) skills in effective oral and written communication about historical and contemporary issues in special education.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 83301 SINGLE-SUBJECT RESEARCH METHODS 3 Credit Hours**

(Repeatable for credit) (Slashed with SPED 63301) This course focuses on design and implementation of high-quality, experimental single subject research studies for the purpose of evaluating the effectiveness of an intervention with a particular individual. Masters students learn about the quality indicators for single subject research methods and how to use them to design a study that is internally valid. Doctoral students learn how to use those quality indicators to design, complete, and submit for publication their own research; and how to use them to evaluate single subject research for critical review. Students also learn how to graph outcome data using traditional visual analysis.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 83952 THE LAW AND SPECIAL EDUCATION 3 Credit Hours**

Selected principles of constitutional, statutory, case and common law affecting handicapped and special education students, teachers and administrators are studied.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SPED 83991 SEMINAR IN SPECIAL EDUCATION 1-3 Credit Hours**

(Repeatable for credit)

**Prerequisite:** Doctoral standing.

**Schedule Type:** Seminar

**Contact Hours:** 1-3 other

**Grade Mode:** Standard Letter

**SPED 83992 INTERNSHIP IN SPECIAL EDUCATION 2-8 Credit Hours**

(Repeatable for credit) A college-university doctoral-level supervised teaching experience. The candidates participate fully in the course and material development as well as delivery and grading of an undergraduate or masters level course under the direct supervision of a faculty member assigned to teach the class. Candidates are expected to partially participate in the delivery of a third of the course and fully deliver at least a third of the course under the observation and supervision of a faculty member.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 12-24 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP



**SPED 83998 RESEARCH:SPECIAL EDUCATION 1-10 Credit Hours**  
(Repeatable for credit)**Prerequisite:** Doctoral standing; and special approval.**Schedule Type:** Research**Contact Hours:** 1-10 other**Grade Mode:** Satisfactory/Unsatisfactory-IP

## School of Teaching, Learning and Curriculum Studies

### Adolescent/Adult Education (ADED)

**ADED 20000 TOPICS IN SOCIAL JUSTICE IN TEACHING AND LEARNING 3 Credit Hours**

This course examines social justice issues that are central to teaching and learning across all educational contexts. In this course students will consider topics such as race, poverty, social class, LGBTQ youth and colleagues, socially responsive teaching and at risk youth as they intersect with K-12 educational settings.

**Prerequisite:** Sophomore standing.**Schedule Type:** Lecture**Contact Hours:** 3 lecture**Grade Mode:** Standard Letter**ADED 20020 EXPLORING SECONDARY SCIENCE TEACHING 1 Credit Hour**

This course is designed to allow students to learn and practice science teaching skills, develop real-world teaching experience in secondary schools, learn about research-based science teaching methods, and explore formal and informal science teaching careers. The course includes an associated field experience where students get to teach science lessons to local secondary students.

**Prerequisite:** None.**Schedule Type:** Lecture**Contact Hours:** 1 lecture**Grade Mode:** Standard Letter**ADED 22275 ISSUES AND TRENDS IN SOCIAL STUDIES EDUCATION 3 Credit Hours**

A course that introduces you to the field of social studies education. In this course you will explore the history and current issues and trends in the field of social studies education.

**Prerequisite:** None.**Schedule Type:** Lecture**Contact Hours:** 3 lecture**Grade Mode:** Standard Letter**ADED 32142 PRINCIPLES OF TEACHING ADOLESCENTS (WIC) 3 Credit Hours**

Orientation to adolescence and the teaching-learning process. This course includes 30 field-clinical hours in an urban setting. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school-agency before the first day of the semester in which student teaching internship will take place.

**Prerequisite:** ADED 20000; and admission to advanced study.**Schedule Type:** Field Experience, Lecture**Contact Hours:** 2 lecture, 3 other**Grade Mode:** Standard Letter**Attributes:** Writing Intensive Course**ADED 32268 THE SECONDARY SCHOOL MATHEMATICS CURRICULUM 3 Credit Hours**

The secondary school mathematics curriculum will be examined. Student's textbooks and recommendations will be investigated. This course includes 30 field clinical hours. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school/agency before the first day of the semester in which student teaching/ internship will take place.

**Prerequisite:** ADED 32142 and MATH 22005.**Schedule Type:** Lecture, Practical Experience**Contact Hours:** 2 lecture, 2 other**Grade Mode:** Standard Letter**ADED 32275 CURRICULUM AND PEDAGOGY IN SOCIAL STUDIES 3 Credit Hours**

A beginning social studies teaching and learning course. In this course you will explore how to achieve the purposes of social studies education through curriculum, instructional and planning decisions.

**Prerequisite:** ADED 22275 and ADED 32142; and admission to advanced study.**Schedule Type:** Lecture**Contact Hours:** 3 lecture**Grade Mode:** Standard Letter**ADED 32277 TEACHING SCIENCE IN SECONDARY SCHOOLS 3 Credit Hours**

Goals, methodology and resources for effective teaching of science to adolescents and young adults.

**Prerequisite:** ADED 32142.**Schedule Type:** Lecture**Contact Hours:** 3 lecture**Grade Mode:** Standard Letter**ADED 33268 MATHEMATICAL MODELING FOR SECONDARY TEACHERS 3 Credit Hours**

The Mathematical Modeling for Secondary Teachers is designed to promote reasoning, problem-solving and modeling through thematic units focused on mathematical practices, while reinforcing and extending content in number and quantity, algebra, functions, statistics and probability and geometry.

**Corequisite:** ADED 32268.**Schedule Type:** Lecture**Contact Hours:** 3 lecture**Grade Mode:** Standard Letter**ADED 42196 INDIVIDUAL PROJECT IN ADOLESCENT EDUCATION 2-4 Credit Hours**

(Repeatable for credit) Independent study in Adolescent Education.

**Prerequisite:** Special approval.**Schedule Type:** Individual Investigation**Contact Hours:** 2-4 other**Grade Mode:** Satisfactory/Unsatisfactory**ADED 42268 TEACHING OF MATHEMATICS IN SECONDARY SCHOOLS 3 Credit Hours**

Methodology and materials for effective teaching of secondary school mathematics will be discussed and implemented in field experiences.

**Prerequisite:** ADED 32268.**Schedule Type:** Lecture**Contact Hours:** 3 lecture**Grade Mode:** Standard Letter

**ADED 42275 TEACHING SOCIAL STUDIES IN GRADES 7 - 12 3 Credit Hours**

An advanced social studies education teaching and learning course. Addresses a range of topics that will help you engage your 7th–12th grade students with social studies.

**Prerequisite:** Minimum C grade in ADED 32275; and admission to advanced study.

**Corequisite:** ADED 42292.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ADED 42277 TOPICS IN SECONDARY SCHOOL SCIENCE TEACHING 3 Credit Hours**

Analysis of trends in science teaching and materials and methods for introducing topics from the history of science and from health education.

**Prerequisite:** ADED 32277; and admission to advanced study.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ADED 42292 FIELD WORK PRACTICUM (ELR) 3 Credit Hours**

(Repeatable for credit) A field experience in a middle or high school. Observations, interviews, designing and teaching of lessons and debriefing. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school-agency before the first day of the semester in which student teaching internship will take place. Students must be on track for student teaching the following semester in order to register for this course.

**Prerequisite:** Minimum C grade in ADED 32268 or ADED 32275 or ADED 32277; or ADED 43325 and ADED 43335; and advanced study.

**Corequisite:** ADED 42268 or 42275 or 42277 or ADED 43325.

**Schedule Type:** Practical Experience

**Contact Hours:** 9 other

**Grade Mode:** Standard Letter

**Attributes:** Experiential Learning Requirement

**ADED 42392 SECONDARY STUDENT TEACHING (ELR) 9 Credit Hours**

Provides a full time student-teaching experience. Observations, interviews, designing and teaching of lessons and debriefing. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school-agency before the first day of the semester in which student teaching internship will take place. Official valid certification of Child Safety Training, approved Basic Life Support and A.L.I.C.E. Training must be presented to the campus office of clinical experience or designated faculty-staff at Regional campuses as prerequisite for student teaching.

**Prerequisite:** Admission to advanced study; and Official valid certification of Child Safety Training, approved Basic Life Support and ALICE Training must be presented to the campus office of clinical experience or designated faculty/staff at Regional campuses as prerequisite for student teaching.

**Corequisite:** ADED 49525.

**Schedule Type:** Practical Experience

**Contact Hours:** 35 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**Attributes:** Experiential Learning Requirement

**ADED 43315 TEACHING LITERATURE IN THE SECONDARY SCHOOLS 3 Credit Hours**

(Slashed with ADED 53315) Explores the pedagogy of canonical literature, literary theory and approaches to teaching texts in the secondary classroom.

**Prerequisite:** ADED 32142 and MCED 40007; and advanced standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ADED 43325 MULTI-MODAL LITERACIES IN THE SECONDARY CLASSROOM 3 Credit Hours**

Explores the pedagogies of reading and composing with a variety of print and non-print texts. Focuses on the impact of media culture on adolescent learners. Utilizes new literacies to enhance learning in the content area.

**Prerequisite:** ADED 32142 and ADED 43315 and ADED 43335 and MCED 40007.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ADED 43335 TEACHING LANGUAGE AND COMPOSITION 3 Credit Hours**

Explores linguistic and rhetorical perspectives on the teaching of composition in secondary schools.

**Prerequisite:** ADED 32142 and MCED 40007; and advanced standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ADED 49525 INQUIRY INTO PROFESSIONAL PRACTICE 3 Credit Hours**

Reflection on teaching for the purpose of instructional improvement. Emphases are placed on preparing implementing and assessing a curricular unit collaborative problem solving conducting an action research project and creating a portfolio.

**Prerequisite:** Admission to advanced study.

**Corequisite:** ADED 42392.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ADED 52267 IMPROVING MATHEMATICS INSTRUCTION FOR ADOLESCENT AND ADULT EDUCATION 3 Credit Hours**

Methodology and materials for effective teaching of secondary school mathematics.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ADED 52277 TEACHING SCIENCE IN THE SECONDARY SCHOOL 3 Credit Hours**

Analysis of teaching materials, demonstrations and participation in science classes appropriate for graduate students seeking certification to teach science in the secondary school.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ADED 53315 TEACHING LITERATURE IN THE SECONDARY SCHOOLS 3 Credit Hours**

(Slashed with ADED 43315) Explores the pedagogy of canonical literature, literary theory and approaches to teaching texts in the secondary classroom.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ADED 62092 ADVANCED PRACTICUM 3 Credit Hours**

(Repeatable for credit) Internship held at a school under the direction of a cooperating teacher, requiring a minimum of 100 field hours. Activities included in the internship include lesson plan preparation, unit planning, evaluation of student learning and other duties typical of teachers in the performance of their role in the school setting. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned "school/agency" before the first day of the semester in which the practicum will take place.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture, Practical Experience

**Contact Hours:** 1 lecture, 6.67 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**ADED 62145 PRINCIPLES OF SECONDARY TEACHING 3 Credit Hours**

Principles of teaching adolescents including curriculum, planning instruction, assessment, fundamentals of evaluation, and reflective practice. All course content focuses on preparing teachers for secondary school teaching.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ADED 62191 SEMINAR IN SECONDARY EDUCATION 1-3 Credit Hours**

(Repeatable for credit) (Cross-listed with ADED 72191) Study and experience of various theoretical and methodological and practical approaches to special problems.

**Prerequisite:** Graduate standing.

**Schedule Type:** Seminar

**Contact Hours:** 1-3 other

**Grade Mode:** Standard Letter

**ADED 62192 ADVANCED PRACTICUM AND INTERNSHIP IN SECONDARY EDUCATION 1-10 Credit Hours**

(Repeatable for credit) Provides a student-teaching or internship experience. Observations, interviews, designing and teaching of lessons and debriefing. Students are required to complete Bureau of Criminal Investigation and identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school-agency before the first day of the semester in which student teaching internship will take place. Official valid certification of Child Safety Training, approved Basic Life Support and A.L.I.C.E. Training must be presented to the campus office of clinical experience or designated faculty staff at Regional campuses as prerequisite for student teaching.

**Prerequisite:** Official valid certification of Child Safety Training, approved Basic Life Support and ALICE Training must be presented to the campus office of clinical experience or designated faculty/staff at Regional campuses as prerequisite for student teaching; and Graduate standing.

**Schedule Type:** Practical Experience

**Contact Hours:** 3-32 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**ADED 62198 RESEARCH IN SECONDARY EDUCATION 2-15 Credit Hours**

(Repeatable for credit) Students pursue an individualized research project under direction of instructor.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Research

**Contact Hours:** 2-15 other

**Grade Mode:** Standard Letter

**ADED 63192 SECONDARY EDUCATION STUDENT TEACHING INTERNSHIP 1-10 Credit Hours**

(Repeatable for credit) Internship held at a secondary school under the direction of a cooperating teacher. A minimum of 50 hours per credit are required. Activities included in the internship include lesson plan preparation, unit planning, evaluation of student learning and other duties typical of teachers in the performance of their role in the school setting.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 3.33-33.33 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**ADED 63292 ADOLESCENT/YOUNG ADULT INTEGRATED LANGUAGE ARTS ADDITIONAL LICENSURE INTERNSHIP 1 Credit Hour**

(Repeatable for credit) Supervised work experiences that are integrated with academic instruction and related to student's occupational goal within integrated language arts.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 3.33 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**ADED 63392 ADOLESCENT/YOUNG ADULT INTEGRATED SOCIAL STUDIES ADDITIONAL LICENSURE INTERNSHIP 1 Credit Hour**

(Repeatable for credit) Supervised work experiences that are integrated with academic instruction and related to student's occupational goal within integrated social studies.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 3.33 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**ADED 63492 ADOLESCENT/YOUNG ADULT INTEGRATED MATHEMATICS ADDITIONAL LICENSURE INTERNSHIP 1 Credit Hour**  
(Repeatable for credit) Supervised work experiences that are integrated with academic instruction and related to student's occupational goal within integrated mathematics.  
**Prerequisite:** Graduate standing; and special approval.  
**Schedule Type:** Practical Experience  
**Contact Hours:** 3.33 other  
**Grade Mode:** Satisfactory/Unsatisfactory-IP

**ADED 63592 ADOLESCENT/YOUNG ADULT INTEGRATED SCIENCE ADDITIONAL LICENSURE INTERNSHIP 1 Credit Hour**  
(Repeatable for credit) Supervised work experiences that are integrated with academic instruction and related to student's occupational goal within integrated science.  
**Prerequisite:** Graduate standing; and special approval.  
**Schedule Type:** Practical Experience  
**Contact Hours:** 3.33 other  
**Grade Mode:** Satisfactory/Unsatisfactory-IP

**ADED 67147 TEACHING ADOLESCENTS IN THE SECONDARY SCHOOL CULTURE 3 Credit Hours**  
Providing for motivation, discipline and instruction of adolescents within the culture of the secondary school.  
**Prerequisite:** Graduate standing.  
**Schedule Type:** Lecture  
**Contact Hours:** 3 lecture  
**Grade Mode:** Standard Letter

**ADED 67232 SECONDARY SCHOOL SOCIAL STUDIES 3 Credit Hours**  
(Cross-listed with ADED 77232) General focus is on examining current instructional and curricular trends in teaching social studies. Emphasis is placed on strategies of teaching developing student's critical thinking skills role of the computer use of primary sources teaching controversial issues and stimulating active citizenship.  
**Prerequisite:** Graduate standing; and special approval.  
**Schedule Type:** Lecture  
**Contact Hours:** 3 lecture  
**Grade Mode:** Standard Letter

**ADED 72191 SEMINAR IN SECONDARY EDUCATION 1-3 Credit Hours**  
(Repeatable for credit) (Cross-listed with ADED 62191) Study and experience of various theoretical and methodological and practical approaches to special problems.  
**Prerequisite:** Doctoral standing.  
**Schedule Type:** Seminar  
**Contact Hours:** 1-3 other  
**Grade Mode:** Standard Letter

## Career and Technical Teacher Education (CTTE)

**CTTE 36014 EVALUATION PRACTICES IN CAREER TECHNICAL EDUCATION 3 Credit Hours**  
Study and construction of evaluation devices for use in laboratory and related technology courses, test construction, standardized and nonstandardized test procedures. This course includes 10 field/clinical hours.  
**Prerequisite:** None.  
**Schedule Type:** Lecture  
**Contact Hours:** 3 lecture  
**Grade Mode:** Standard Letter

**CTTE 40093 VARIABLE TOPIC WORKSHOP IN CAREER TECHNICAL EDUCATION 1-5 Credit Hours**  
(Repeatable for credit) (Slashed with CTTE 50093 and CTTE 70093) Topics of special interest to students desiring to intensify their knowledge in a particular area of career technical education.  
**Prerequisite:** Department permission.  
**Schedule Type:** Workshop  
**Contact Hours:** 1-5 other  
**Grade Mode:** Satisfactory/Unsatisfactory

**CTTE 44092 IN-SERVICE TEACHING - PRACTICUM (ELR) 2 Credit Hours**  
(Slashed with CTTE 54092) This course provides an overview of/and practice in the concepts necessary to plan, organize and implement meaningful instruction in the laboratory and related classroom. The course provides an opportunity for students to apply classroom management skills as they get one-on-one support from the teacher educators.  
**Prerequisite:** None.  
**Schedule Type:** Practical Experience  
**Contact Hours:** 36 other  
**Grade Mode:** Standard Letter  
**Attributes:** Experiential Learning Requirement

**CTTE 44099 IN-SERVICE TEACHING - CAPSTONE (ELR) 1 Credit Hour**  
(Slashed with CTTE 54099) The capstone course provides students an opportunity to demonstrate their knowledge and growth as a career technical education teacher; it essentially provides an opportunity for students to show how they integrate and apply knowledge from their career technical education licensure courses into their responsibilities as teachers. The course will assess the extent to which the students meet the Ohio Standards for the Teaching Profession, through an electronic portfolio and instructional videos from the student as evidence.  
**Prerequisite:** None.  
**Schedule Type:** Project or Capstone  
**Contact Hours:** 1 other  
**Grade Mode:** Standard Letter  
**Attributes:** Experiential Learning Requirement

**CTTE 45372 ISSUES IN CAREER TECHNICAL EDUCATION SUBJECTS 3 Credit Hours**  
(Slashed with CTTE 55372) Exploration of issues and trends unique to specific career technical education subjects.  
**Prerequisite:** None.  
**Schedule Type:** Lecture  
**Contact Hours:** 3 lecture  
**Grade Mode:** Standard Letter

**CTTE 45377 CAREER AND TECHNICAL EDUCATION: ADVANCED METHODOLOGIES 3 Credit Hours**  
Selection, organization and presentation of subject matter pertaining to specific subjects in career and technical education. Emphasis on methods and techniques through theory and practice. Course includes 30 field/clinical hours. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school/agency before the first day of the semester in which student teaching/ internship will take place.  
**Prerequisite:** None.  
**Schedule Type:** Lecture  
**Contact Hours:** 3 lecture  
**Grade Mode:** Standard Letter

**CTTE 46001 ORGANIZATION OF CAREER AND TECHNICAL EDUCATION (WIC) 3 Credit Hours**

(Slashed with CTTE 56001) Study of the principles and subject areas related to career and technical education at middle school, secondary and adult education levels.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**Attributes:** Writing Intensive Course

**CTTE 46002 IN-SERVICE TEACHING (ELR) 3 Credit Hours**

(Slashed with CTTE 56002) Overview of teaching process in career technical teacher education. Emphasizes techniques of skill development and assessment, includes organizing for instruction, individual behavior, organizational relationships and application steps.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**Attributes:** Experiential Learning Requirement

**CTTE 46015 METHODS OF CAREER AND TECHNICAL EDUCATION 3 Credit Hours**

(Slashed with CTTE 56015) Organization and management of classroom and laboratory; includes purchasing equipment and supplies, safety instruction planning, establishing policies, maintaining records, and individual and group instructional strategies.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CTTE 46017 STUDENT-CENTERED LEADERSHIP IN CAREER TECHNICAL EDUCATION 3 Credit Hours**

Study of the role of leadership and youth organizations in Career Technical Education with emphasis on the organization and purpose of student leadership and the role of the advisor related to leadership in career technical education.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CTTE 46018 DISADVANTAGED YOUTH IN CAREER TECHNICAL EDUCATION (WIC) 3 Credit Hours**

(Slashed with CTTE 56018) Developing an understanding of disadvantaged youth stressing their characteristics as they pertain to career technical education program. This course is restricted to Trade & Industrial majors, students registered in the undergraduate Career-Technical Teacher certificate, of those working on a Career-Based Intervention endorsement.

**Prerequisite:** Trade and Industrial Education majors or Career-Technical Teacher Education (C205) certificate.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**Attributes:** Writing Intensive Course

**CTTE 46019 COORDINATION OF CAREER TECHNICAL COOPERATIVE EDUCATION PROGRAMS 3 Credit Hours**

(Slashed with CTTE 56019) Reviews duties, problems, techniques of home, school and work coordination. Internship site selection, job development, servicing the job station, coordinating classroom and work experience. A study of important linkage to local business/industry and education support agencies for career and technical development.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CTTE 46020 CURRICULUM GUIDE: DESIGN AND APPLICATION 3 Credit Hours**

Methods and techniques involved in developing and utilizing a curriculum guide in career and technical education subjects. This course includes 15 field/clinical hours. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school/agency before the first day of the semester in which student teaching/ internship will take place.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CTTE 46095 SPECIAL TOPICS IN CAREER TECHNICAL EDUCATION 1-3 Credit Hours**

(Repeatable for credit) Specialized offerings in response to emerging or selected program needs in career-technical education.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 1-3 lecture

**Grade Mode:** Standard Letter

**CTTE 46096 INDIVIDUAL INVESTIGATION IN CAREER TECHNICAL EDUCATION 1-3 Credit Hours**

(Repeatable for credit) (Slashed with CTTE 56096) An individual investigation into problems and topics in career technical education. The investigation is pursued on an individual basis with an assigned faculty member.

**Prerequisite:** None.

**Schedule Type:** Individual Investigation

**Contact Hours:** 1-3 other

**Grade Mode:** Satisfactory/Unsatisfactory

**CTTE 49525 INQUIRY INTO PROFESSIONAL PRACTICE 3 Credit Hours**

Interdisciplinary inquiry into career/technical teaching as a professional practice in education; emphasis on teacher as disciplined investigator. Final course of four. Combination of themes utilization of teaching learning technologies.

**Prerequisite:** Admission to advanced study.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CTTE 50093 VARIABLE TOPIC WORKSHOP IN CAREER TECHNICAL EDUCATION 1-5 Credit Hours**

(Repeatable for credit) (Slashed with CTTE 40093 and CTTE 70093)  
Topics of special interest to students desiring to intensify their knowledge in a particular area or areas of career technical education.  
**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Workshop

**Contact Hours:** 1-5 other

**Grade Mode:** Satisfactory/Unsatisfactory

**CTTE 54092 IN-SERVICE TEACHING - PRACTICUM 2 Credit Hours**

(Slashed with CTTE 44092) This course provides an overview of/and practice in the concepts necessary to plan, organize and implement meaningful instruction in the laboratory and related classroom. The course provides an opportunity for students to apply classroom management skills and as they get one-on-one support from the teacher educators.

**Prerequisite:** Graduate standing.

**Schedule Type:** Practical Experience

**Contact Hours:** 36 other

**Grade Mode:** Standard Letter

**CTTE 54099 IN-SERVICE TEACHING - CAPSTONE 1 Credit Hour**

(Slashed with CTTE 44099) The capstone course provides students an opportunity to demonstrate their knowledge and growth as a career technical education teacher; it essentially provides an opportunity for students to show how they integrate and apply knowledge from their career technical education licensure courses into their responsibilities as teachers. The course will assess the extent to which the students meet the Ohio Standards for the Teaching Profession, through an electronic portfolio and instructional videos from the student as evidence.

**Prerequisite:** Graduate standing.

**Schedule Type:** Project or Capstone

**Contact Hours:** 1 other

**Grade Mode:** Standard Letter

**CTTE 55372 ISSUES IN CAREER TECHNICAL EDUCATION SUBJECTS 3 Credit Hours**

(Slashed with CTTE 45372) Exploration of issues and trends unique to specific career-technical education subjects.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CTTE 55377 CAREER AND TECHNICAL EDUCATION:ADVANCED METHODOLOGIES 3 Credit Hours**

(Slashed with CTTE 45377) Selection, organization and presentation of subject matter pertaining to specific subjects in career and technical education. Emphasis on methods and techniques through theory and practice. Course includes 30 field clinical hours.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CTTE 56001 ORGANIZATION OF CAREER AND TECHNICAL EDUCATION 3 Credit Hours**

(Slashed with CTTE 46001) Study of the principles and subject areas related to career and technical education at middle school, secondary and adult education levels.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CTTE 56002 IN-SERVICE TEACHING 3 Credit Hours**

(Slashed with CTTE 46002) Overview of teaching process in career technical teacher education. Emphasizes techniques of skill development and assessment, includes organizing for instruction, individual behavior, organizational relationships and application steps.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CTTE 56015 METHODS OF CAREER AND TECHNICAL EDUCATION 3 Credit Hours**

(Slashed with CTTE 46015) Organization and management of classroom and laboratory; includes purchasing equipment and supplies, safety instruction planning, establishing policies, maintaining records, and individual and group instructional strategies.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CTTE 56017 STUDENT-CENTERED LEADERSHIP IN CAREER TECHNICAL EDUCATION 3 Credit Hours**

Study of the role of leadership and youth organizations in Career Technical Education with emphasis on the organization and purpose of student leadership and the role of the advisor related to leadership in career technical education.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CTTE 56018 DISADVANTAGED YOUTH IN CAREER TECHNICAL EDUCATION 3 Credit Hours**

(Slashed with CTTE 46018) Developing an understanding of disadvantaged youth stressing their characteristics as they pertain to career technical education programs.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CTTE 56019 COORDINATION OF CAREER TECHNICAL COOPERATIVE EDUCATION PROGRAMS 3 Credit Hours**

(Slashed with CTTE 46019) Reviews duties, problems, techniques of home, school and work coordination. Internship site selection, job development, servicing the job station, coordinating classroom and work experience. A study of important linkage to local business/ industry and education support agencies for career and technical development.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CTTE 56020 CURRICULUM GUIDE: DESIGN AND APPLICATION 3 Credit Hours**

(Slashed with CTTE 46020) Methods and techniques involved in developing and utilizing a curriculum guide in career and technical education subjects. This course includes 15 field clinical hours.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CTTE 56095 SPECIAL TOPICS IN CAREER TECHNICAL EDUCATION 1-3 Credit Hours**

(Repeatable for credit) Specialized offerings in response to emerging or selected program needs in career-technical education.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Lecture

**Contact Hours:** 1-3 lecture

**Grade Mode:** Standard Letter

**CTTE 56096 INDIVIDUAL INVESTIGATION IN CAREER TECHNICAL EDUCATION 1-3 Credit Hours**

(Repeatable for credit) (Slashed with CTTE 46096) An individual investigation into problems and topics in career technical education. The investigation is pursued on an individual basis with an assigned faculty member.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Individual Investigation

**Contact Hours:** 1-3 other

**Grade Mode:** Satisfactory/Unsatisfactory

**CTTE 59525 INQUIRY INTO PROFESSIONAL PRACTICE 3 Credit Hours**

(Slashed with CTTE 49525) Interdisciplinary inquiry into career/technical teaching as a professional practice in education; emphasis on teacher as disciplined investigator. Final course of four. Combination of themes; utilization of teaching/learning technologies.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CTTE 60199 THESIS I 2-6 Credit Hours**

Thesis students must register for a total of 6 hours, 2 to 6 hours in a single semester distributed over several semesters if desired.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Masters Thesis

**Contact Hours:** 2-6 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**CTTE 60299 THESIS II 2 Credit Hours**

Thesis students must continue registration each semester until all degree requirements are met.

**Prerequisite:** CTTE 60199; and graduate standing.

**Schedule Type:** Masters Thesis

**Contact Hours:** 2 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**CTTE 66001 PRINCIPLES AND PRACTICES IN CAREER TECHNICAL EDUCATION 3 Credit Hours**

Study of principles, current practices and trends relating to modern programs of career technical education and relationships to the total plan of public education.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CTTE 66003 ANALYSIS OF HUMAN RESOURCE DEVELOPMENT 3 Credit Hours**

Provides analysis of human resource development from global, national state and local perspectives including social economic political and demographic influences. Includes the application of the contemporary workforce to engage in life long learning to keep career and technical skills updated.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CTTE 66004 PROGRAM EVALUATION IN CAREER TECHNICAL EDUCATION 3 Credit Hours**

Designed to provide the skills and knowledge necessary to evaluate the effectiveness and efficiency of career-technical education curriculum programs personnel.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CTTE 66005 SPECIAL POPULATIONS IN CAREER TECHNICAL EDUCATION 3 Credit Hours**

A study of the special populations student in career technical education programs emphasizing characteristics, curriculum modification, instruction and job placement.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CTTE 66095 SPECIAL TOPICS IN CAREER-TECHNICAL EDUCATION 1-3 Credit Hours**

(Repeatable for credit) Specialized offerings in response to emerging or selected program needs in career-technical education.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 1-3 lecture

**Grade Mode:** Standard Letter

**CTTE 66096 INDIVIDUAL INVESTIGATION IN CAREER-TECHNICAL EDUCATION 1-3 Credit Hours**

(Repeatable for credit) (Slashed with CTTE 76096) An investigation into problems and topics in career technical education. The investigation is pursued on an individual basis with an assigned faculty member.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Individual Investigation

**Contact Hours:** 1-3 other

**Grade Mode:** Satisfactory/Unsatisfactory

**CTTE 70093 VARIABLE TOPIC WORKSHOP IN CAREER TECHNICAL EDUCATION 1-5 Credit Hours**

(Repeatable for credit) (Slashed with CTTE 40093 and CTTE 50093)

Topics of special interest to students desiring to intensify their knowledge in a particular area or areas of career technical education.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Workshop

**Contact Hours:** 1-5 other

**Grade Mode:** Satisfactory/Unsatisfactory

**CTTE 76095 SPECIAL TOPICS IN CAREER-TECHNICAL EDUCATION**  
**1-3 Credit Hours**

(Repeatable for credit) Specialized offerings in response to emerging or selected program needs in career-technical education.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 1-3 lecture

**Grade Mode:** Standard Letter

**CTTE 76096 INDIVIDUAL INVESTIGATION IN CAREER-TECHNICAL EDUCATION**  
**1-3 Credit Hours**

(Repeatable for credit) (Slashed with CTTE 66096) An investigation into problems and topics in career technical education. The investigation is pursued on an individual basis with an assigned faculty member.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Individual Investigation

**Contact Hours:** 1-3 other

**Grade Mode:** Satisfactory/Unsatisfactory

**CTTE 86098 ADVANCED RESEARCH IN CAREER-TECHNICAL EDUCATION**  
**1-15 Credit Hours**

(Repeatable for credit) Student pursues an individual research project on a specialized career technical education topic with approval and under the direction of an instructor.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Research

**Contact Hours:** 1-15 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**Curriculum and Instruction (CI)****CI 40093 VARIABLE TITLE WORKSHOP IN CURRICULUM AND INSTRUCTION**  
**1-5 Credit Hours**

(Slashed with CI 50093 and CI 70093) (Repeatable for credit) Variable topic workshop designed to respond to curriculum trends and issues and specialized needs.

**Prerequisite:** Special approval.

**Schedule Type:** Workshop

**Contact Hours:** 1-5 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**CI 47095 SPECIAL TOPICS IN CURRICULUM AND INSTRUCTION**  
**1-5 Credit Hours**

(Repeatable for credit) Topic varies for each offering.

**Prerequisite:** Special approval.

**Schedule Type:** Lecture

**Contact Hours:** 1-5 lecture

**Grade Mode:** Standard Letter-IP

**CI 47096 INDIVIDUAL INVESTIGATION IN CURRICULUM AND INSTRUCTION**  
**1-5 Credit Hours**

(Repeatable for credit) Student-initiated experience to pursue an area of interest not covered by a regular course offering, with the guidance of a Kent State faculty member.

**Prerequisite:** Special approval.

**Schedule Type:** Individual Investigation

**Contact Hours:** 1-5 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**CI 47192 STUDENT TEACHING IN CURRICULUM AND INSTRUCTION (ELR)**  
**1-5 Credit Hours**

(Repeatable for credit) Student teaching topics vary for each offering.

**Prerequisite:** Special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 3-15 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**Attributes:** Experiential Learning Requirement

**CI 47330 READING AND WRITING IN ADOLESCENCE/ADULTHOOD**  
**3 Credit Hours**

(Slashed with CI 57330) Understanding of literacy learning in adolescence and adulthood (ages 12-21) with an emphasis on strategies for text learning, literacy in electronic environments and teaching students who struggle as readers and writers.

**Prerequisite:** Admission to advanced study.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 47501 TEACHING MATHEMATICS IN EARLY AND MIDDLE GRADES**  
**3 Credit Hours**

(Slashed with CI 57501) Addresses pedagogical content knowledge for the teaching and learning of mathematics in grades K-9, based on the national content and process standards.

**Prerequisite:** MATH 14001 or MATH 14002 with a minimum C grade; and admission to advanced study.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 47502 SCIENCE TEACHING IN EARLY AND MIDDLE GRADES**  
**3 Credit Hours**

(Slashed with CI 57502) Addresses pedagogical content knowledge for the teaching and learning of science in grades K-9. Students examine how to best align science practice to state and national standards.

**Prerequisite:** Admission to advanced study.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 47503 TEACHING SOCIAL STUDIES IN EARLY AND MIDDLE GRADES**  
**3 Credit Hours**

(Slashed with CI 57503) Addresses pedagogical content knowledge for the teaching and learning of social studies in grades K-9, based on the national content and process standards.

**Prerequisite:** Admission to advanced study.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 47504 TEACHING READING AND WRITING IN MIDDLE GRADES**  
**3 Credit Hours**

(Slashed with CI 57504) Addresses pedagogical content knowledge for the teaching and learning of reading and writing in grades 4-9, based on the national content and process standards.

**Prerequisite:** Admission to advanced study.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter



**CI 47505 INTEGRATED SOCIAL STUDIES AND SCIENCE 3 Credit Hours**

(Slashed with CI 57505) Addresses principles of teaching and learning as applied to teaching social studies and science in elementary and middle grades. Students examine how to best align social studies and science practice with state and national standards.

**Prerequisite:** Admission to advanced study.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 50093 VARIABLE TITLE WORKSHOP IN CURRICULUM AND INSTRUCTION 1-5 Credit Hours**

(Slashed with CI 40093 and CI 70093)(Repeatable for credit) Variable topic workshop designed to respond to curriculum trends and issues and specialized needs.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Workshop

**Contact Hours:** 1-5 other

**Grade Mode:** Satisfactory/Unsatisfactory

**CI 50095 SPECIAL TOPICS: SEMINAR/WORKSHOP IN CURRICULUM AND INSTRUCTION 1 Credit Hour**

(Repeatable for credit) Topics varies for each offering. Seminar workshop for International Baccalaureate program.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 1 lecture

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**CI 55015 PSYCHOLOGY OF COACHING 3 Credit Hours**

(Slashed with PESP 45015) Factors affecting athletic performance emphasizing skill, motivation, personality and practice conditions.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 55020 CONTEMPORARY ATHLETIC COACHING 3 Credit Hours**

(Slashed with PESP 45020) A focus on the philosophy, skills, strategies and tactics of coaching within contemporary society.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 57330 READING AND WRITING IN ADOLESCENCE/ADULTHOOD 3 Credit Hours**

(Slashed with CI 47330) Understanding of literacy learning in adolescence and adulthood (ages 12-21) with an emphasis on strategies for text learning, literacy in electronic environments, and teaching students who struggle as readers and writers.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 57501 TEACHING MATHEMATICS IN EARLY AND MIDDLE GRADES 3 Credit Hours**

(Slashed with CI 47501) Addresses pedagogical content knowledge for the teaching and learning of mathematics in grades K-9, based on the national content and process standards.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 57502 SCIENCE TEACHING IN EARLY AND MIDDLE GRADES 3 Credit Hours**

(Slashed with CI 47502) Addresses pedagogical content knowledge for the teaching and learning of science in grades K-9. Students examine how to best align science practice to state and national standards.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 57503 TEACHING SOCIAL STUDIES IN EARLY AND MIDDLE GRADES 3 Credit Hours**

(Slashed with CI 47503) Addresses pedagogical content knowledge for the teaching and learning of social studies in grades K-9, based on the national content and process standards.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 57504 TEACHING READING AND WRITING IN MIDDLE GRADES 3 Credit Hours**

(Slashed with CI 47504) Addresses pedagogical content knowledge for the teaching and learning of reading and writing in grades 4-9, based on the national content and process standards.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 57505 INTEGRATED SOCIAL STUDIES AND SCIENCE 3 Credit Hours**

(Slashed with CI 47505) Addresses principles of teaching and learning as applied to teaching social studies and science in elementary and middle grades. Students examine how to best align social studies and science practice with state and national standards.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 60169 UNDERSTANDING EMERGENT BILINGUAL AND IMMIGRANT STUDENTS AND THEIR FAMILIES 3 Credit Hours**

(Slashed with CI 80169) This course is designed to help the general practitioner understand and know foundational concepts about multi-lingual students, immigrants, English Language Learners and their families.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 60171 TEACHING EMERGENT BILINGUAL AND IMMIGRANT STUDENTS 3 Credit Hours**

(Slashed with CI 80171) General educators will explore the application of teaching methods and a variety of curriculum approaches for immigrant and bi-literate children, and apply more fully their work with families and communities.

**Prerequisite:** CI 60169; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 60199 THESIS I 2-6 Credit Hours**

Thesis students must register for a total of 6 hours, 2 to 6 hours in a single semester distributed over several semesters if desired.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Masters Thesis

**Contact Hours:** 2-6 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**CI 60299 THESIS II 2 Credit Hours**

Thesis students must continue registration each semester until all degree requirements are met.

**Prerequisite:** CI 60199; and Graduate standing.

**Schedule Type:** Masters Thesis

**Contact Hours:** 2 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**CI 61124 EDUCATING THE GOOD CITIZEN 3 Credit Hours**

(Slashed with CI 71124) Course explores the competing conceptions of citizenship education through an examination and critique of the diverse perspectives on the purposes and possibilities of citizenship education—including the contributions and influence of multicultural, international and theoretical perspectives on the meaning of educating citizens in a democracy—situating work, thinking and practice in the literature. As part of the process of reading, discussing and deliberating together, students articulate a rationale for citizenship education and develop ways to incorporate their vision for citizenship education into their work as teacher educators, practicing social studies teachers and/or community members.

**Prerequisite:** Graduate standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 other

**Grade Mode:** Standard Letter

**CI 61125 ISSUES AND TRENDS IN SOCIAL STUDIES EDUCATION 3 Credit Hours**

(Slashed with CI 71125) Provides an overview of historical trends and contemporary issues in social studies education.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 61126 RESEARCH IN SOCIAL STUDIES TEACHING AND LEARNING 3 Credit Hours**

(Slashed with CI 71126) Students examine, discuss and study research in the teaching and learning of social studies, as well as develop their own study of social studies teaching and learning.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 61127 TECHNOLOGY AND SOCIAL STUDIES 3 Credit Hours**

(Slashed with CI 71127) Course provides experiences with and study of various uses of technology in social studies teaching and learning. Students examine implications and effects of technology on student learning, teaching and society as a whole.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 61130 MULTICULTURAL EDUCATION: STRATEGIES 3 Credit Hours**

(Slashed with CI 71130) Course provides the strategies for teaching children to function effectively in a pluralistic society.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 61133 ISSUES AND TRENDS IN ELEMENTARY SCIENCE 3 Credit Hours**

(Slashed with CI 71133) New discoveries in science, including issues in society with direct science content. Emphasis is on practical and simple classroom applications.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 61134 RESEARCH TRENDS IN SCIENCE EDUCATION 3 Credit Hours**

(Slashed with CI 71134) Course in issues relating to research methods pertinent to science education.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 61140 CULTURE AND MULTICULTURALISM IN SCIENCE EDUCATION 3 Credit Hours**

(Slashed with CI 71140) Provides a general introduction to the impacts of multiculturalism and the social studies of science on science education. Implications for science educational curriculum theory, classroom practice and research are explored. Teaching topics examined include race and gender in science education, culture of science and science in a global context.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 61141 NATURE OF SCIENCE IN SCIENCE EDUCATION 3 Credit Hours**

(Slashed with CI 71141) Course in issues relating to the nature of science as it impacts science education.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 62000 PRINCIPLES OF TEACHING WITH DIFFERENTIATION 3 Credit Hours**

Principles of teaching adolescents, including designing curriculum, planning instruction, differentiation, assessment, fundamentals of evaluation and reflective practice. Learning experiences focus on preparing teachers for secondary school teaching in diverse settings. Teaching as a profession is explored, including examination of the Ohio licensure code of professional conduct and the Ohio Standards for the Teaching profession. Additionally, the course emphasizes culturally relevant, responsive and sustaining pedagogies. This course is intended for students in the Alternative Licensure Professional Development Institute non-degree program.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter-IP

**CI 62001 ASSESSMENT PROCEDURES AND PRAXIS 3 Credit Hours**

Students gain an understanding of the complexities of designing, collecting, analyzing and evaluating student performance data. Both formative and summative assessment practices are examined. Additionally, students determine best practices in inference-making based on data and consider pedagogical and evaluative choices that rely on the quality of data that they collect, both from their own design and assessment data from vendors. Students consider how qualitative data about individual learners can be collected and analyzed to strengthen the validity and reliability of the decisions made about learning outcomes.

This course is intended for students in the Alternative Licensure Professional Development Institute non-degree program.

**Prerequisite:** CI 62000; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter-IP

**CI 62002 CULTURALLY RESPONSIVE CLASSROOM MANAGEMENT PRACTICES 3 Credit Hours**

Course explores principles of positive behavior supports and interventions; procedures to promote and practice positive learning interactions; and development of routines that practice social-emotional skill development, including resolution of conflict using restorative practice methods. Additionally, students examine the physical- and psychological-learning environment as a factor in culturally responsive teaching. This course is intended for students in the Alternative Licensure Professional Development Institute non-degree program.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter-IP

**CI 62003 LITERACIES IN THE CONTENT AREAS 3 Credit Hours**

Student acquire professional knowledge of the nature of literacy as it relates to specific content areas. Students understand the critical role that "literacy - including the interpretation and production of texts and representations - plays as vital to participation and learning in different academic disciplines" (International Literacy Association, 2017). Students develop, implement and reflect on a variety of curricular engagements, instructional strategies and assessment procedures for meeting the literacy needs of diverse students. Additionally, students learn how to plan inquiry-based teaching and learning that employs and extends students' literacy development. This course is intended for students in the Alternative Licensure Professional Development Institute non-degree program.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter-IP

**CI 62101 CURRICULUM STUDIES OF SECONDARY ENGLISH LANGUAGE ARTS 3 Credit Hours**

Course explores pedagogies of reading and composing with a variety of print and non-print texts. Considers the impact of media upon adolescent culture. Also explores teaching canonical literature and literary theories. This course is intended for students in the Alternative Licensure Professional Development Institute non-degree program.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter-IP

**CI 62102 CURRICULUM STUDIES OF SECONDARY MATHEMATICS 3 Credit Hours**

Course examines the secondary school mathematics curriculum, textbooks and national standards. Analyzes, implements and evaluates methodology and materials of effective teaching of secondary mathematics. This course is intended for students in the Alternative Licensure Professional Development Institute non-degree program.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter-IP

**CI 62103 CURRICULUM STUDIES OF SECONDARY SCIENCE 3 Credit Hours**

This course is designed to deepen secondary science teaching through the development of content knowledge, pedagogical knowledge and methodologies appropriate for science learning in secondary school. Students engage in pedagogical analyses and curriculum development related to nature of science; science literacy; conceptual change and student misconceptions; issues-based instruction; problem-based learning; and teaching diverse-learners science concepts. This course is intended for students in the Alternative Licensure Professional Development Institute non-degree program.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter-IP

**CI 62104 CURRICULUM STUDIES OF SECONDARY SOCIAL STUDIES 3 Credit Hours**

This course is designed to prepare prospective teachers to be purposeful, deliberative decision-makers and reflective practitioners who prepare citizens who contribute to the deepening of democracy and promote the common good. Areas of planning, curriculum, instruction and assessment are examined from a social studies perspective. The goal is to support purposeful social studies teaching and learning that engages students in the learning experiences designed to honor their real-world experiences and prepare them to be agents of change in their school and community. This course is intended for students in the Alternative Licensure Professional Development Institute non-degree program.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter-IP

**CI 62121 FOUNDATIONS OF LITERACY AND PHONICS FOR SECONDARY TEACHERS 3 Credit Hours**

Course provides professional training in the teaching of the foundations of literacy: word/recognition/decoding, vocabulary, reading fluency and comprehension. Consideration of how struggling adolescent readers development may be assessed followed by how to provide interventions to strengthen literacy skills and strategies. This course is intended for students in the Alternative Licensure Professional Development Institute non-degree program.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter-IP

**CI 63193 VARIABLE TITLE WORKSHOP IN EXERCISE, LEISURE AND SPORT 1-3 Credit Hours**

(Repeatable for credit) Workshop in exercise, leisure and sport. Topics vary. Maximum 4 credit hours applied to the degree.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Workshop

**Contact Hours:** 1-3 other

**Grade Mode:** Satisfactory/Unsatisfactory

**CI 65025 CONTEMPORARY ISSUES IN SPORT PEDAGOGY - AN INTERNATIONAL PERSPECTIVE 3 Credit Hours**

(Slashed with CI 85025) An international perspective on the investigation and study of current problems, issues and trends in sport pedagogy.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 65037 ADAPTED PHYSICAL EDUCATION 3 Credit Hours**

(Slashed with CI 85037) Course prepares physical education teachers to provide safe, appropriate and individualized accommodations to students with disabilities. All information presented is structured around research-based and cross-culturally appropriate practices in adapted physical education that have been implemented in physical education programs globally.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 65044 PEDAGOGICAL ANALYSIS OF PHYSICAL EDUCATION AND SPORT 3 Credit Hours**

(Slashed with CI 85044) An analysis of contemporary pedagogical models, practices and theories relevant to the multidimensional environments of physical education and sport.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 65055 CURRICULUM DEVELOPMENT IN SPORT PEDAGOGY 3 Credit Hours**

(Slashed with CI 85055) The analysis, development and design of curricular theory and practice in physical education and sport. An examination of current and future issues in curriculum implementation.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 65392 ADVANCED PRACTICUM IN PHYSICAL EDUCATION 10 Credit Hours**

(Repeatable for credit) A 16-week practicum in K-12 physical education, combining full-time student teaching and student teaching seminar. Students spend eight weeks student teaching at the preschool to fifth-grade level and then eight weeks at the sixth- to 12th-grade level. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school/agency before the first day of the semester in which student teaching/ internship will take place. Official valid certification of Child Safety Training, approved Basic Life Support and ALICE training must be presented to the campus office of clinical experience or designated faculty/staff at regional campuses as prerequisite for student teaching.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Practical Experience, Seminar

**Contact Hours:** 3 lecture, 32 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**CI 65592 PRACTICUM IN ADAPTED PHYSICAL EDUCATION 3 Credit Hours**

(Repeatable for credit) Supervised and supervisory experiences in motor development for all ages and abilities, including conceptual bases for assessment and individualized task analysis.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 9 other

**Grade Mode:** Standard Letter-IP

**CI 65692 INTERNSHIP IN ATHLETIC COACHING 2-4 Credit Hours**

(Repeatable for a maximum of 4 credits) Supervised experience in organized sport focused upon the duties of a coach; can involve one or more level (youth, school, college, professional) and sport. A focus on the philosophy, skills, strategies and tactics of coaching within contemporary society. 45 contact hours per credit. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school/agency before the first day of the semester in which student teaching-internship will take place.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 6-12 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**CI 67001 FUNDAMENTALS OF CURRICULUM 3 Credit Hours**

(Slashed with CI 77001) Orientation to the curriculum field. Theoretical examination of foundations, elements, design and development of school, college and non-school curricula.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 67002 CURRICULUM LEADERSHIP 3 Credit Hours**

(Slashed with CI 77002) Course explores the theories and practices of curriculum leadership with reference to the current politics of education and the democratic ideals of information-age, pluralistic societies. Mandated accountability reform is critically compared to invited professional renewal.

**Prerequisite:** CI 67001; and Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 67003 TEACHER EDUCATION 3 Credit Hours**

(Slashed with CI 77003) Course provides a broad overview of teacher education, including curriculum, organization, governance and policy.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 67004 PROFESSIONAL DEVELOPMENT IN TEACHING 3 Credit Hours**

(Slashed with CI 77004) Course provides a broad overview and conceptual framework for professional development; its historical, cultural, psychological and social contexts.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 67005 INTERCULTURAL DIMENSIONS OF TEACHING AND LEARNING 3 Credit Hours**

(Slashed with CI 77005) Course addresses teaching and learning in the intercultural K-16 context. Increasing intercultural interaction in schools and communities across the nation and around the world are prompting educational changes in terms of what is being taught and how it is being taught. Educators at all levels are increasingly being called upon to enhance their own intercultural competence and to consider how best to translate this to students in their charge.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 67007 CRITICAL REFLECTION IN CURRICULUM AND INSTRUCTION 2 Credit Hours**

Capstone course for a master's degree in curriculum and instruction. Students critique their content area studies with reference to the standard of curriculum-based pedagogy. Three concepts inform this critique: continuing professional development, multicultural education, curriculum leadership for reform and renewal.

**Prerequisite:** CI 67001; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 2 lecture

**Grade Mode:** Standard Letter

**CI 67010 CURRICULUM EVALUATION 3 Credit Hours**

(Slashed with CI 77010) Students learn to plan for and use a variety of techniques to gather information in systematic ways, across different phases of curriculum planning, development, implementation and evaluation to enhance decision-making processes. Students develop evaluation questions around a curriculum or program of their choice and then design a detailed evaluation plan.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 67091 SEMINAR IN CURRICULUM AND INSTRUCTION 1-4 Credit Hours**

(Slashed with CI 87091)(Repeatable for credit) A wide range of topics for advanced graduate inquiry. Normally, course provides a balance of theoretical study and creative application.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Seminar

**Contact Hours:** 1-4 other

**Grade Mode:** Standard Letter-IP

**CI 67092 ADVANCED PRACTICUM AND INTERNSHIP IN CURRICULUM AND INSTRUCTION 1-3 Credit Hours**

(Repeatable for credit) Supervised practicum in curriculum design, development, implementation and-or leadership. Planned with and directed by a graduate faculty member. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school-agency before the first day of the semester in which student teaching internship will take place.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 3-9 other

**Grade Mode:** Satisfactory/Unsatisfactory

**CI 67095 SPECIAL TOPICS IN CURRICULUM AND INSTRUCTION 1-5 Credit Hours**

(Slashed with CI 77095)(Repeatable for credit) Specialized offerings in response to emerging or selected program needs in curriculum design, development and implementation.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Lecture

**Contact Hours:** 1-5 lecture

**Grade Mode:** Standard Letter

**CI 67096 INDIVIDUAL INVESTIGATION IN CURRICULUM AND INSTRUCTION 1-5 Credit Hours**

(Repeatable for credit) Directed independent reading and/or research of special interest or need in student's program. Planned with and directed by a graduate faculty member.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Individual Investigation

**Contact Hours:** 1-5 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**CI 67098 RESEARCH IN CURRICULUM AND INSTRUCTION 1-15 Credit Hours**

(Repeatable for credit) Students pursue an individualized research project on a specialized topic with approval and under direction of instructor.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Research

**Contact Hours:** 1-15 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**CI 67105 IMPROVING CLASSROOM INSTRUCTION 3 Credit Hours**  
(Slashed with CI 77105) Emphasizes motivation, varied materials and methods, individual needs and sources of teacher help. Class members define goals and means.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 67107 CURRICULUM AND ORGANIZATION IN THE MIDDLE GRADES 3 Credit Hours**

(Slashed with CI 77107) Course enhances students' knowledge, skills and dispositions about curriculum history and organization of middle schools (grades 4-9) that is developmentally responsive to early adolescents, and promotes student achievement and equity. In addition, students are able to extend their knowledge, skills, techniques and professional dispositions as related to middle school students' experiences, as well as to differentiate curriculum and assessment for diverse learners.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 67108 TEACHING AND LEARNING IN THE MIDDLE GRADES 3 Credit Hours**

(Slashed with CI 77108) Course emphasizes theories of learning and teaching and their application to teaching in middle childhood classrooms with a diversity of learners. Major class topics include lesson planning, teaching strategies, assessment, classroom management and effective classroom instructions. In a concurrent clinical field experience, teacher candidates apply teaching methods in intermediate-middle school classrooms.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 67224 TEACHING MATHEMATICS USING COMPUTERS AND CALCULATORS 3 Credit Hours**

(Slashed with CI 77224) Students develop knowledge of research and theories regarding teaching and learning mathematics via computing devices. Students develop proficiency in the use of computing devices and software that would be used in the teaching and learning of mathematics.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 67225 RESEARCH IN MATHEMATICS EDUCATION 3 Credit Hours**

(Slashed with CI 77225) Current research theory, methodology and results in mathematics education are investigated. Implications for instructional practice and curriculum design are examined.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 67226 IMPROVING MATHEMATICS INSTRUCTION IN MIDDLE CHILDHOOD 3 Credit Hours**

(Slashed with CI 77226) Instructional psychology and materials, including technology, for the effective teaching of mathematics in grades 3-8, with a theoretical emphasis on cognitive development.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 67227 ASSESSMENT IN MATHEMATICS EDUCATION 2 Credit Hours**

(Slashed with CI 77227) Investigation of standards and practices in mathematical assessments as recommended by current research and the National Council of Teachers of Mathematics.

**Prerequisite:** Two courses from the following: ADED 52267, CI 67224, CI 67226 and/or ECED 50147; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 2 lecture

**Grade Mode:** Standard Letter

**CI 67228 INTERVENTION IN MATHEMATICS INSTRUCTION 2 Credit Hours**

(Slashed with CI 77228) Investigation of alternative methods of teaching mathematics to diverse learners who experience difficulties in learning mathematics.

**Prerequisite:** Two courses from the following: ADED 52267, CI 67224, CI 67226 and/or ECED 50147; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 2 lecture

**Grade Mode:** Standard Letter

**CI 67240 INTRODUCTION TO ENVIRONMENTAL EDUCATION 3 Credit Hours**

(Slashed with CI 77240) Survey course emphasizes current debates in environmental issues, exploring the interconnectedness of ecology, understanding the impact of culture and education on notions of environmental concerns, and how these ideas can be investigated within classroom contexts. The course is designed for teachers, science educators and other concerned citizens of the earth.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 67292 PRACTICUM IN MATHEMATICAL ASSESSMENT 2 Credit Hours**

(Repeatable for credit) Practicum experience in designing and administering both formal and informal assessments.

**Prerequisite:** Two courses from the following: ADED 52267, CI 67224, CI 67226 and/or ECED 50147; and graduate standing.

**Schedule Type:** Practical Experience

**Contact Hours:** 6 other

**Grade Mode:** Standard Letter

**CI 67310 THEORY AND PRACTICE IN THE TEACHING OF READING 3 Credit Hours**

(Slashed with CI 77310) Nature and development of reading, approaches to instruction, relation to learning and development.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 67312 TEACHING WRITING AS A PROCESS 3 Credit Hours**

(Slashed with CI 77312) Course emphasizes a process approach to writing instruction in grades K-12. Examines the steps and studies of composing, evaluation and components of a school-wide program.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 67314 SURVEY OF YOUNG ADULT LITERATURE 3 Credit Hours**

(Slashed with CI 77314) Presents a survey of selected types of literature appropriate for students in middle school, junior high and high school. Emphasis on evaluating, selecting and teaching.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 67315 SURVEY OF CHILDREN'S LITERATURE 3 Credit Hours**

(Slashed with CI 77315) Wide reading in children's literature, with particular application to school curriculum and field of reading.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 67319 DIAGNOSIS AND REMEDIATION IN READING 3 Credit Hours**

(Slashed with CI 77319) Theory and application of diagnostic principles and remedial reading approaches with school-age children. Cultural, linguistic, cognitive and effective factors in diagnosing and remediating reading problems.

**Prerequisite:** CI 67310; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 67320 TEACHER AS LITERACY RESEARCHER 3 Credit Hours**

Capstone experience in master's program in literacy in which students pursue an individualized literacy research program.

**Prerequisite:** CI 67351 or RMS 65510 or RMS 65511; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 67330 READING IN CONTENT AREAS 3 Credit Hours**

(Slashed with CI 77330) Information and competencies for improving students' reading and studying in the content areas. Focus on intermediate grades through post-secondary years.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 67339 WRITING ASSESSMENT AND RESPONSE 3 Credit Hours**

(Slashed with CI 77339) Exploration of issues in writing assessment, theoretical base for effective formative response to student writing and design, and implementation of writing assessment measures.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 67351 PERSPECTIVES ON LITERACY RESEARCH 3 Credit Hours**

(Slashed with CI 77351) Inquiry into basic concepts and agendas for research through a study of historical, landmark and ground-breaking studies in literacy.

**Prerequisite:** Reading Specialization major; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 67352 LITERACY COACHING 3 Credit Hours**

(Slashed with CI 77352) Focus on principles and strategies related to literacy coaching, within classrooms, schools and districts.

**Prerequisite:** CI 67310 and CI 67319 and CI 67330 and CI 67692 and MCED 50005; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 67353 MULTICULTURAL VOICES IN TEACHING CHILDREN'S AND YOUNG ADULT LITERATURE 3 Credit Hours**

(Slashed with CI 77353) Exploring diverse voices in children's and young adult literature in K-12 literacy classrooms to support culturally responsive teaching and learning and broaden student understandings of diversity.

**Prerequisite:** Reading Specialization major; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 67392 ADVANCED PRACTICUM AND INTERNSHIP IN READING 1-10 Credit Hours**

(Repeatable for credit) Supervised practicum requiring application of theory and practices in reading in field settings. Planned with and directed by a graduate faculty member. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school/agency before the first day of the semester in which student teaching/ internship will take place.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 3-30 other

**Grade Mode:** Standard Letter

**CI 67395 SPECIAL TOPICS IN READING 1-5 Credit Hours**

(Slashed with CI 77395)(Repeatable for credit) Specialized offerings in response to emerging or selected program needs in reading.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Lecture

**Contact Hours:** 1-5 lecture

**Grade Mode:** Standard Letter

**CI 67396 INDIVIDUAL INVESTIGATION IN READING AND LANGUAGE ARTS 1-5 Credit Hours**

(Repeatable for credit) Directed independent reading and/or research of special interest or need in student's program. Planned with and directed by a graduate faculty member.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Individual Investigation

**Contact Hours:** 1-5 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**CI 67517 NEW LITERACIES IN PRACTICE 3 Credit Hours**

(Slashed with CI 87517) Developing technologies are changing the very definition of literacy. Designed to provide an overview of current (and past) theory and practices related to the growing line of inquiry known as new literacies. Participants of the class follow their own paths of inquiry related to the question: How is the definition of literacy changing? Participants engage in discussions of theoretical positions related to this question (from perspectives as new literacies, multi-literacies and arts-based knowing to name a few) as well as encounter the basics of creating a blog or wiki and editing video. Appropriate for any educator who is interested in examining how new literacies are transforming the classrooms.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 67592 PRACTICUM IN MATHEMATICS EDUCATION INTERVENTION 3 Credit Hours**

(Repeatable for credit) Experience in providing leadership in designing intervention programs for schools, and designing curriculum and instruction for individual learners that experience difficulties in learning mathematics.

**Prerequisite:** Graduate standing.

**Schedule Type:** Practical Experience

**Contact Hours:** 9 other

**Grade Mode:** Standard Letter

**CI 67692 CLINICAL PRACTICUM IN CORRECTIVE READING 3 Credit Hours**

Application of previous courses includes supervised diagnostic/prescriptive reading work with school-age pupils and diagnostic/remedial reporting.

**Prerequisite:** CI 67319; and graduate standing; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 9 other

**Grade Mode:** Standard Letter

**CI 67791 SEMINAR IN MATHEMATICS EDUCATION 3 Credit Hours**

(Repeatable for credit) An in-depth exploration of the theoretical frameworks and methodologies used in current research in mathematics education.

**Prerequisite:** Graduate standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 other

**Grade Mode:** Standard Letter

**CI 70093 VARIABLE TITLE WORKSHOP IN CURRICULUM AND INSTRUCTION 1-5 Credit Hours**

(Slashed with CI 40093 and CI 50093) (Repeatable for credit) Variable topic workshop designed to respond to curriculum trends and issues and specialized needs.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Workshop

**Contact Hours:** 3 other

**Grade Mode:** Satisfactory/Unsatisfactory

**CI 71124 EDUCATING THE GOOD CITIZEN 3 Credit Hours**

(Slashed with CI 61124) Course explores the competing conceptions of citizenship education through an examination and critique of the diverse perspectives on the purposes and possibilities of citizenship education—including the contributions and influence of multicultural, international and theoretical perspectives on the meaning of educating citizens in a democracy—situating work, thinking and practice in the literature. As part of the process of reading, discussing and deliberating together, students articulate a rationale for citizenship education and develop ways to incorporate their vision for citizenship education into their work as teacher educators, practicing social studies teachers and/or community members.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 other

**Grade Mode:** Standard Letter

**CI 71125 ISSUES AND TRENDS IN SOCIAL STUDIES EDUCATION 3 Credit Hours**

(Slashed with CI 61125) Provides an overview of historical trends and contemporary issues in social studies education.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 71126 RESEARCH IN SOCIAL STUDIES TEACHING AND LEARNING 3 Credit Hours**

(Slashed with CI 61126) Students examine, discuss and study research in the teaching and learning of social studies, as well as develop their own study of social studies teaching and learning.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 71127 TECHNOLOGY AND SOCIAL STUDIES 3 Credit Hours**

(Slashed with CI 61127) Course provides experiences with and study of various uses of technology in social studies teaching and learning. Students examine implications and effects of technology on student learning, teaching and society as a whole.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 71130 MULTICULTURAL EDUCATION: STRATEGIES 3 Credit Hours**

(Slashed with CI 61130) Course provides the strategies for teaching children to function effectively in a pluralistic society.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 71133 ISSUES AND TRENDS IN ELEMENTARY SCIENCE 3 Credit Hours**

(Slashed with CI 61133) New discoveries in science, including issues in society with direct science content. Emphasis is on practical and simple classroom applications.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter



**CI 71134 RESEARCH TRENDS IN SCIENCE EDUCATION 3 Credit Hours**

(Slashed with CI 61134) Course in issues relating to research methods pertinent to science education.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 71140 CULTURE AND MULTICULTURALISM IN SCIENCE EDUCATION 3 Credit Hours**

(Slashed with CI 61140) Provides a general introduction to the impacts of multiculturalism and the social studies of science on science education.

Implications for science educational curriculum theory, classroom practice and research are explored. Teaching topics examined include race and gender in science education, culture of science and science in a global context..

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 71141 NATURE OF SCIENCE IN SCIENCE EDUCATION 3 Credit Hours**

(Slashed with CI 61141) Course in issues relating to the nature of science as it impacts science education.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 75592 PRACTICUM IN ADAPTED PHYSICAL EDUCATION 3 Credit Hours**

(Repeatable for credit) Supervised and supervisory experiences in motor development for all ages and abilities, including conceptual bases for assessment and individualized task analysis.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 9 other

**Grade Mode:** Standard Letter-IP

**CI 77001 FUNDAMENTALS OF CURRICULUM 3 Credit Hours**

(Slashed with CI 67001) Orientation to the curriculum field. Theoretical examination of foundations, elements, design and development of school, college and non-school curricula.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 77002 CURRICULUM LEADERSHIP 3 Credit Hours**

Course explores the theories and practices of curriculum leadership with reference to the current politics of education and the democratic ideals of information-age, pluralistic societies. Mandated accountability reform is critically compared to invited professional renewal. It is recommended that students complete CI 77001 or a compatible professional experience with fundamentals of curriculum work is before taking this course.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 77003 TEACHER EDUCATION 3 Credit Hours**

(Slashed with CI 67003) Course provides a broad overview of teacher education, including curriculum, organization, governance and policy.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 77004 PROFESSIONAL DEVELOPMENT IN TEACHING 3 Credit Hours**

(Slashed with CI 67004) Course provides a broad overview and conceptual framework for professional development; its historical, cultural, psychological and social contexts.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 77005 INTERCULTURAL DIMENSIONS OF TEACHING AND LEARNING 3 Credit Hours**

(Slashed with CI 67005) Course addresses teaching and learning in the intercultural K-16 context. Increasing intercultural interaction in schools and communities across the nation and around the world are prompting educational changes in terms of what is being taught and how it is being taught. Educators at all levels are increasingly being called upon to enhance their own intercultural competence and to consider how best to translate this to students in their charge.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 77010 CURRICULUM EVALUATION 3 Credit Hours**

(Slashed with CI 67010) Students learn to plan for and use a variety of techniques to gather information in systematic ways, across different phases of curriculum planning, development, implementation and evaluation to enhance decision-making processes. Students develop evaluation questions around a curriculum or program of their choice and then design a detailed evaluation plan.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 77092 ADVANCED PRACTICUM IN CURRICULUM AND INSTRUCTION 1-3 Credit Hours**

(Repeatable for credit) Supervised practicum in curriculum design, development, implementation and-or leadership. Planned with and directed by a graduate faculty member. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school-agency before the first day of the semester in which student teaching internship will take place.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 3-9 other

**Grade Mode:** Satisfactory/Unsatisfactory

**CI 77095 SPECIAL TOPICS IN CURRICULUM AND INSTRUCTION 1-5 Credit Hours**

(Slashed with CI 67095)(Repeatable for credit) Specialized offerings in response to emerging or selected program needs in curriculum design, development and implementation.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Lecture

**Contact Hours:** 1-5 lecture

**Grade Mode:** Standard Letter

**CI 77096 INDIVIDUAL INVESTIGATION IN CURRICULUM AND INSTRUCTION 1-5 Credit Hours**

(Repeatable for credit) Directed independent reading and/or research of special interest or need in student's program. Planned with and directed by a graduate faculty member.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Individual Investigation

**Contact Hours:** 1-5 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**CI 77105 IMPROVING CLASSROOM INSTRUCTION 3 Credit Hours**

(Slashed with CI 67105) Emphasizes motivation, varied materials and methods individual needs and sources of teacher help. Class members define goals and means.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 77107 CURRICULUM AND ORGANIZATION IN THE MIDDLE GRADES 3 Credit Hours**

(Slashed with CI 67107) Course enhances students' knowledge, skills and dispositions about curriculum history and organization of middle schools (grades 4-9) that is developmentally responsive to early adolescents, and promotes student achievement and equity. In addition, students are able to extend their knowledge, skills, techniques and professional dispositions as related to middle school students' experiences, as well as to differentiate curriculum and assessment for diverse learners.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 77108 TEACHING AND LEARNING IN THE MIDDLE GRADES 3 Credit Hours**

(Slashed with CI 67108) Course emphasizes theories of learning and teaching and their application to teaching in middle childhood classrooms with a diversity of learners. Major class topics include lesson planing, teaching strategies, assessment, classroom management and effective classroom instructions. In a concurrent clinical field experience, teacher candidates apply teaching methods in intermediate-middle school classrooms.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 77224 TEACHING MATHEMATICS USING COMPUTERS AND CALCULATORS 3 Credit Hours**

(Slashed with CI 67224) Students develop knowledge of research and theories regarding teaching and learning mathematics via computing devices. Students develop proficiency in the use of computing devices and software that would be used in the teaching and learning of mathematics.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 77225 RESEARCH IN MATHEMATICS EDUCATION 3 Credit Hours**

(Slashed with CI 67225) Current research theory, methodology and results in mathematics education are investigated. Implications for instructional practice and curriculum design are examined.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 77226 IMPROVING MATHEMATICS INSTRUCTION IN MIDDLE CHILDHOOD 3 Credit Hours**

(Slashed with CI 67226) Instructional psychology and materials, including technology, for the effective teaching of mathematics in grades 3-8, with a theoretical emphasis on cognitive development.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 77227 ASSESSMENT IN MATHEMATICS EDUCATION 2 Credit Hours**

(Slashed with CI 67227) Investigation of standards and practices in mathematical assessments as recommended by current research and the National Council of Teachers of Mathematics.

**Prerequisite:** Two courses from the following: ADED 52267, CI 77224, CI 77226 and/or ECED 50147; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 2 lecture

**Grade Mode:** Standard Letter

**CI 77228 INTERVENTION IN MATHEMATICS INSTRUCTION 2 Credit Hours**

(Slashed with CI 67228) Investigation of alternative methods of teaching mathematics to diverse learners who experience difficulties in learning mathematics.

**Prerequisite:** Two courses from the following: ADED 52267, CI 77224, CI 77226 and/or ECED 50147; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 2 lecture

**Grade Mode:** Standard Letter

**CI 77240 INTRODUCTION TO ENVIRONMENTAL EDUCATION 3 Credit Hours**

(Slashed with CI 67240) Survey course emphasizing current debates in environmental issues, exploring the interconnectedness of ecology, understanding the impact of culture and education on notions of environmental concerns, and how these ideas can be investigated within classroom contexts. The course is designed for teachers, science educators and other concerned citizens of the earth.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 77292 PRACTICUM IN MATHEMATICAL ASSESSMENT 2 Credit Hours**

(Repeatable for credit) Practicum experience in designing and administering both formal and informal assessments.

**Prerequisite:** Two courses from the following: ADED 52267, CI 77224, CI 77226 and/or ECED 50147; and doctoral standing.

**Schedule Type:** Practical Experience

**Contact Hours:** 6 other

**Grade Mode:** Standard Letter

**CI 77310 THEORY AND PRACTICE IN THE TEACHING OF READING 3 Credit Hours**

(Slashed with CI 67310) Nature and development of reading, approaches to instruction, relation to learning and development.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 77312 TEACHING WRITING AS A PROCESS 3 Credit Hours**

(Slashed with CI 67312) Course emphasizes a process approach to writing instruction in grades K-12. Examines the steps and studies of composing, evaluation and components of a school-wide program.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 77314 SURVEY OF YOUNG ADULT LITERATURE 3 Credit Hours**

(Slashed with CI 67314) Presents a survey of selected types of literature appropriate for students in middle school, junior high and high school. Emphasis on evaluating, selecting and teaching.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 77315 SURVEY OF CHILDREN'S LITERATURE 3 Credit Hours**

(Slashed with CI 67315) Wide reading in children's literature, with particular application to school curriculum and field of reading.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 77319 DIAGNOSIS AND REMEDIATION IN READING 3 Credit Hours**

(Slashed with CI 67319) Theory and application of diagnostic principles and remedial reading approaches with school-age children. Cultural linguistic cognitive and affective factors in diagnosing and remediating reading problems.

**Prerequisite:** CI 77310; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 77330 READING IN CONTENT AREAS 3 Credit Hours**

(Slashed with CI 67330) Information and competencies for improving students' reading and studying in the content areas. Focus on intermediate grades through post-secondary years.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 77339 WRITING ASSESSMENT AND RESPONSE 3 Credit Hours**

(Slashed with CI 67339) Exploration of issues in writing assessment, theoretical base for effective formative response to student writing, and design and implementation of writing assessment measures.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 77351 PERSPECTIVES ON LITERACY RESEARCH 3 Credit Hours**

(Slashed with CI 67351) Inquiry into basic concepts and agendas for research through a study of historical, landmark and ground-breaking studies in literacy.

**Prerequisite:** Curriculum and Instruction major; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 77352 LITERACY COACHING 3 Credit Hours**

(Slashed with CI 67352) Focus on principles and strategies related to literacy coaching, within classrooms, schools and districts.

**Prerequisite:** CI 77310 and CI 77319 and CI 77330 and CI 77692 and MCED 50005; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 77353 MULTICULTURAL VOICES IN TEACHING CHILDREN'S AND YOUNG ADULT LITERATURE 3 Credit Hours**

(Slashed with CI 67353) Exploring diverse voices in children's and young adult literature in K-12 literacy classrooms to support culturally responsive teaching and learning and broaden student understandings of diversity.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 77392 ADVANCED PRACTICUM AND INTERNSHIP IN READING 1-10 Credit Hours**

(Repeatable for credit) Supervised program requiring application of theory and practices in reading in field settings. Planned with and directed by a graduate faculty member. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school/agency before the first day of the semester in which student teaching/internship will take place.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 3-30 other

**Grade Mode:** Standard Letter

**CI 77395 SPECIAL TOPICS IN READING 1-5 Credit Hours**

(Slashed with CI 67395)(Repeatable for credit) Specialized offerings in response to emerging or selected program needs in reading.

**Prerequisite:** Doctoral standing and special approval.

**Schedule Type:** Lecture

**Contact Hours:** 1-5 lecture

**Grade Mode:** Standard Letter

**CI 77396 INDIVIDUAL INVESTIGATION IN READING AND LANGUAGE ARTS 1-5 Credit Hours**

(Repeatable for credit) Directed independent reading and/or research of special interest or need in student's program. Planned with and directed by a graduate faculty member.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Individual Investigation

**Contact Hours:** 1-5 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**CI 77592 PRACTICUM IN MATHEMATICS EDUCATION INTERVENTION 3 Credit Hours**

(Repeatable for credit) Experience in providing leadership in designing intervention programs for schools, and designing curriculum and instruction for individual learners that experience difficulties in learning mathematics.

**Prerequisite:** ADED 52267 and CI 77224 and CI 77226 and ECED 50147; and doctoral standing.

**Schedule Type:** Practical Experience

**Contact Hours:** 9 other

**Grade Mode:** Standard Letter

**CI 77692 CLINICAL PRACTICUM IN CORRECTIVE READING 3 Credit Hours**

Application of previous courses includes supervised diagnostic/prescriptive reading work with school-age pupils and diagnostic/remedial reporting.

**Prerequisite:** CI 77319; and doctoral standing; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 9 other

**Grade Mode:** Standard Letter

**CI 77791 SEMINAR IN MATHEMATICS EDUCATION 3 Credit Hours**

(Repeatable for credit) An in-depth exploration of the theoretical frameworks and methodologies used in current research in mathematics education.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 other

**Grade Mode:** Standard Letter

**CI 80089 RESIDENCY I 3 Credit Hours**

Beginning doctoral seminar. Students explore the field of curriculum and instruction by reading and discussing foundational and current theories and research in the field. Students begin to identify and explore their research interests in the field.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Satisfactory/Unsatisfactory

**CI 80090 RESIDENCY II 3 Credit Hours**

Advanced doctoral seminar. Structured opportunity for students to synthesize research from the field, explore research options for their dissertation study, review literature for their research studies and discuss the development of their research.

**Prerequisite:** CI 80089; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Satisfactory/Unsatisfactory

**CI 80169 UNDERSTANDING EMERGENT BILINGUAL AND IMMIGRANT STUDENTS AND THEIR FAMILIES 3 Credit Hours**

(Slashed with CI 60169) This course is designed to help the general practitioner understand and know foundational concepts about multi-lingual students, immigrants, English Language Learners and their families.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 80171 TEACHING EMERGENT BILINGUAL AND IMMIGRANT STUDENTS 3 Credit Hours**

(Slashed with CI 60171) General educators will explore the application of teaching methods and a variety of curriculum approaches for immigrant and bi-literate children, and apply more fully their work with families and communities.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 80199 DISSERTATION I 15 Credit Hours**

(Repeatable for credit) Doctoral dissertation for which registration in at least two semesters is required, first of which will be semester in which dissertation work is begun and continuing until the completion of 30 hours.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Dissertation

**Contact Hours:** 15 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**CI 80299 DISSERTATION II 15 Credit Hours**

(Repeatable for credit) Continuing registration required of doctoral students who have completed the initial 30 hours of dissertation and continuing until all degree requirements are met.

**Prerequisite:** CI 80199; and doctoral standing.

**Schedule Type:** Dissertation

**Contact Hours:** 15 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**CI 85025 CONTEMPORARY ISSUES IN SPORT PEDAGOGY - AN INTERNATIONAL PERSPECTIVE 3 Credit Hours**

(Slashed with CI 65025) An international perspective on the investigation and study of current problems, issues and trends in sport pedagogy.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 85037 ADAPTED PHYSICAL EDUCATION 3 Credit Hours**

(Slashed with CI 65037) Course prepares physical education teachers to provide safe, appropriate and individualized accommodations to students with disabilities. All information presented is structured around research-based and cross-culturally appropriate practices in adapted physical education that have been implemented in physical education programs globally.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 85044 PEDAGOGICAL ANALYSIS OF PHYSICAL EDUCATION AND SPORT 3 Credit Hours**

(Slashed with CI 65044) An analysis of contemporary pedagogical models, practices and theories relevant to the multidimensional environments of physical education and sport.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 85055 CURRICULUM DEVELOPMENT IN SPORT PEDAGOGY 3 Credit Hours**

(Slashed with CI 65055) The analysis, development and design of curricular theory and practice in physical education and sport. An examination of current and future issues in curriculum implementation.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 87000 THEORY AND RESEARCH IN TEACHING 3 Credit Hours**

Focuses on critical study of contrasting approaches to the study of teaching processes. Surveys issues to give students a more critical perspective and to provoke thought about the relationship among theory research and practice.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 87001 THEORY AND RESEARCH IN CURRICULUM 3 Credit Hours**

Focuses on historic and contemporary examples of curriculum theory and their application in curriculum design, development and evaluation. Examines modes of inquiry used by curriculum researchers and contemporary curriculum issues.

**Prerequisite:** CI 77001; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 87002 FORMS OF INQUIRY IN CURRICULUM AND INSTRUCTION 3 Credit Hours**

Introduction to the history, context, philosophy and ethics of inquiry in curriculum and instruction. Emphasis on acquainting students with faculty lines of inquiry and research foci while preparing them for critical consumption of and significant contribution to inquiry in curriculum and instruction.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 other

**Grade Mode:** Standard Letter

**CI 87091 SEMINAR IN CURRICULUM AND INSTRUCTION 1-4 Credit Hours**

(Slashed with CI 87091)(Repeatable for credit) A wide range of topics for advanced graduate inquiry. Normally, course provides a balance of theoretical study and creative application.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Seminar

**Contact Hours:** 1-4 other

**Grade Mode:** Standard Letter-IP

**CI 87098 RESEARCH IN CURRICULUM AND INSTRUCTION 1-15 Credit Hours**

(Repeatable for credit) Students pursue an individualized research project on a specialized topic with approval and under direction of instructor.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Research

**Contact Hours:** 1-15 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**CI 87340 RESEARCH IN READING 3 Credit Hours**

An introduction to a perspective on psychological processes underlying levels of reading from pre-reading to mature reading with implications for instruction.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 87342 SEMINAR IN READING AND LANGUAGE 3 Credit Hours**

Exploration of some of the issues, methods and findings on the relationship of reading and language. Examination of selected issues such as dialect bilingualism readability language based-strategies for reading instruction.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 87343 RESEARCH IN TEACHING OF WRITING 3 Credit Hours**

Issues and methodologies in research in the teaching of writing. Students review the literature and conduct research in a significant area of writing instruction.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 87391 SEMINAR IN READING 1-4 Credit Hours**

(Repeatable for credit) Variable topic seminar for advanced study of specialized areas and topics. Normally designed around research and theory applied to practice.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Seminar

**Contact Hours:** 3 other

**Grade Mode:** Standard Letter

**CI 87398 RESEARCH IN READING AND LANGUAGE ARTS 1-15 Credit Hours**

(Repeatable for credit) Students pursue an individualized research project on a specialized topic with approval and under direction of instructor.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Research

**Contact Hours:** 1-15 other

**Grade Mode:** Standard Letter

**CI 87517 NEW LITERACIES IN PRACTICE 3 Credit Hours**

(Slashed with CI 67517) Developing technologies are changing the very definition of literacy. Designed to provide an overview of current (and past) theory and practices related to the growing line of inquiry known as new literacies. Participants of the class follow their own paths of inquiry related to the question: How is the definition of literacy changing? Participants engage in discussions of theoretical positions related to this question (from perspectives as new literacies, multi-literacies and arts-based knowing to name a few) as well as encounter the basics of creating a blog or wiki and editing video. Appropriate for any educator who is interested in examining how new literacies are transforming the classrooms.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CI 87791 DOCTORAL SEMINAR IN MATHEMATICS EDUCATION 1-3 Credit Hours**

(Repeatable for a maximum of 12 credit hours) Variable content seminar covering mathematics education. Students must seek faculty advisor recommendation prior to registration.

**Prerequisite:** Curriculum and Instruction major; and doctoral standing.

**Schedule Type:** Seminar

**Contact Hours:** 1-3 other

**Grade Mode:** Standard Letter

**Early Childhood Education (ECED)****ECED 10120 INTRODUCTION TO EARLY CHILDHOOD SERVICES 1 Credit Hour**

Orientation to the field of early childhood education: historical and present day programs and services for young children 0-12. This course provides an overview of early childhood programs and related services for children and their families birth through age 12. The course is intended for early childhood majors as well as those who may be interested in related fields or are undecided.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 1 lecture

**Grade Mode:** Standard Letter

**Attributes:** TAG Education

**ECED 20101 UNDERSTANDING YOUNG CHILDREN'S DEVELOPMENT 3 Credit Hours**

Growth and development of young children from birth to age 8 as it occurs along both typical and atypical pathways. There are field-based assignments in this course.

**Prerequisite:** Minimum C grade in ECED 10120; and special approval.

**Pre/corequisite:** Minimum C grade in SPED 23000; and admission to advanced study.

**Corequisite:** ECED 20102, ECED 20103, ECED 20105 and ECED 20192 (Block I).

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**Attributes:** TAG Education

**ECED 20102 SOCIAL STUDIES AND THE ARTS IN PRESCHOOL 3 Credit Hours**

Young children's development in the expressive arts and social studies; implications for development of the environment and integrated curriculum and teaching methods for preschool children. There are field-based assignments in this course.

**Prerequisite:** Admission to advanced study.

**Corequisite:** ECED 20101, ECED 20103, ECED 20105 AND ECED 20192 (Block I).

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 20103 PRESCHOOL TEACHING AND LEARNING 3 Credit Hours**

(Equivalent to EYEC 22000) Integrated field-based seminar that gives students a foundation for the ways children learn during the preschool years. This course focuses on the importance of play, guidance of young children, designing quality environments, and authentic documentation and assessment. There are field-based assignments in this course.

**Prerequisite:** Admission to advanced standing.

**Corequisite:** ECED 20101, ECED 20102, ECED 20105 and ECED 20192 (Block I).

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 20105 FAMILY-SCHOOL-COMMUNITY PARTNERSHIPS IN DIVERSE SETTINGS 3 Credit Hours**

(Equivalent to EYEC 21005) Approaches to parent and community involvement in the education and welfare of children are examined, applied, and discussed. Focuses are theories, policies, practices, skills, and knowledge of partnership building in educational settings. An emphasis on differentiation of practices for diverse communities is applied to teaching and learning in preschool classrooms. There are field-based assignments in this course.

**Prerequisite:** Admission to advanced study.

**Corequisite:** ECED 20101, ECED 20102, ECED 20103 and ECED 20192 (Block I).

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**Attributes:** TAG Education

**ECED 20163 UNDERSTANDING YOUNG CHILDREN: TYPICAL AND ATYPICAL PATHWAYS 3 Credit Hours**

Growth and development of young children from birth to age eight as it occurs along both typical and atypical pathways. Pre/Corequisite: SPED 23000; and admission to advanced study.

**Prerequisite:** ECED 10120; and special approval.

**Corequisite:** ECED 30134 and 30164 and 40145.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**Attributes:** TAG Education

**ECED 20192 CLINICAL EXPERIENCE IN PRESCHOOL (ELR) 2 Credit Hours**

(Equivalent to EYEC 22192) Internship in preschool settings. This is a supervised internship working alongside a preschool teacher in a school/childcare setting. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school or agency before the first day of the semester. Official valid certification of Child Safety Training, approved Basic Life Support and A.L.I.C.E. Training must be presented to the campus office of clinical experience or designated faculty-staff at Regional campuses during this semester and as a prerequisite for student teaching.

**Prerequisite:** Admission to advanced study.

**Corequisite:** ECED 20101, ECED 20102, ECED 20103 and ECED 20105 (Block I).

**Schedule Type:** Practical Experience

**Contact Hours:** 15 other

**Grade Mode:** Satisfactory/Unsatisfactory

**Attributes:** Experiential Learning Requirement

**ECED 30123 LANGUAGE AND LITERACY FOR THE PRESCHOOL CHILD 3 Credit Hours**

(Equivalent to EYEC 22130) An examination of the process of language and literacy development in preschool children. The course focuses on how preschool teachers integrate knowledge of development with early school and family literacy learning.

**Prerequisite:** Admission to advanced study.

**Corequisite:** ECED 30142 and ECED 30147 and ECED 40165 and ECED 40192 (ECED Block II).

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 30134 INTEGRATED EXPRESSIVE ARTS AND SOCIAL STUDIES IN PRESCHOOL 3 Credit Hours**

Young children's development in the expressive arts and social studies; implications for development of the environment, integrated curriculum and teaching methods for preschool children.

**Prerequisite:** Admission to advanced study.

**Corequisite:** ECED 20163 and ECED 30164 and ECED 40145 (ECED Block I).

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 30142 PARTNERSHIPS AND GUIDANCE FOR PRESCHOOL CHILDREN 3 Credit Hours**

(Equivalent to EYEC 21005) Appropriate guidance strategies set the foundation for positive experiences our youngest children in school; patterns learned early often set a foundation for primary school entry. This course addresses the concerns of guidance family partnerships and inclusive schooling with preschool children and their educators. It takes a proactive stance, helping teachers develop a constructive guidance approach.

**Prerequisite:** Admission to advanced study.

**Corequisite:** ECED 30123 and ECED 30147 and ECED 40165 and ECED 40192 (ECED Block II).

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 30144 INTEGRATED CURRICULUM FOR SOCIAL STUDIES 3 Credit Hours**

Objectives, resources, curriculum development, methods of teaching social studies and expressive arts at kindergarten and primary levels; emphasis on developing integrated social studies curriculum; infusing multiple forms of expressive arts into integrated curriculum and assessment; and engaging professional collaboration with teachers in the field.

**Prerequisite:** ECED 30134; and admission to advanced study.

**Corequisite:** ECED 40142 and ECED 40105 and ECED 40107 and ECED 40123.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 30147 EARLY EXPERIENCES IN MATHEMATICS AND SCIENCE 3 Credit Hours**

Instructional psychology and materials for effective teaching of mathematics and science in preschool settings with a theoretical emphasis on cognitive development.

**Prerequisite:** MATH 14001 and 14002 with a minimum of a C grade; and admission to advanced study.

**Corequisite:** ECED 30123 and ECED 30142 and ECED 40165 and ECED 40192.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 30164 PRESCHOOL EDUCATION 3 Credit Hours**

Integrated curriculum utilizing principles of developmentally appropriate practice in settings for children under five. Field experience two mornings a week. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school or agency before the first day of the semester.

**Prerequisite:** Admission to advanced standing.

**Corequisite:** ECED 20163 and ECED 30134 and ECED 40145 (ECED Block I).

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 30201 TEACHING EARLY READERS 3 Credit Hours**

(Equivalent to EYEC 22130) An examination of the process of languages and literacies development. This course focuses on teaching literacy to preschool and primary age students

**Prerequisite:** Minimum C grade in the following courses: ECED 30202, ECED 30205, ECED 40203 and ECED 40302 (Block 2); and admission to advanced study.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 30202 MATHEMATICS AND SCIENCE IN THE EARLY YEARS 3 Credit Hours**

Instructional psychology and materials for effective teaching of mathematics and science in preschool and early primary settings with a theoretical emphasis on cognitive development. Student engagement through authentic, inquiry-based, integrated experiences are explored.

**Prerequisite:** ECED 20101, ECED 20102, ECED 20103, ECED 20105 and ECED 20192 (Block I) all with a minimum C grade; and admission to advanced study.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 30205 CULTURALLY AND LINGUISTICALLY SUSTAINING PEDAGOGY 3 Credit Hours**

(Equivalent to EYEC 22140) This course extends students' knowledge of the application of culturally and linguistically sustaining curriculum for students in preschool and primary years classrooms. This course has a field component attached to it. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school-agency before the first day of the semester in which student teaching internship will take place.

**Prerequisite:** Minimum C grade in the following courses: ECED 20101, ECED 20102, ECED 20103, ECED 20105 and ECED 20192 (Block I); and admission to advanced study.

**Corequisite:** ECED 30292.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 30292 CLINICAL EXPERIENCE PRIMARY II (ELR) 1 Credit Hour**

A structured tutoring experience with K-5 students in collaboration with local schools. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school or agency before the first day of the semester.

**Prerequisite:** Minimum C grade in ECED 20192, ECED 20101, ECED 20102, ECED 20103 and ECED 20105 (Block I); and admission to advanced study.

**Corequisite:** ECED 30202 and ECED 30205.

**Schedule Type:** Practical Experience

**Contact Hours:** 12 other

**Grade Mode:** Satisfactory/Unsatisfactory

**Attributes:** Experiential Learning Requirement

**ECED 30392 CLINICAL EXPERIENCE PRIMARY III (ELR) 1 Credit Hour**

A structured field experience with K-5 students in collaboration with local schools. Students are assigned a mentor teacher/classroom and participate in all classroom activities at the field site weekly. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school or agency before the first day of the semester.

**Prerequisite:** Minimum C grade in ECED 30202, ECED 30205, ECED 30292, ECED 40203 and ECED 40302 (Block II); and admission to advanced study.

**Corequisite:** ECED 40305.

**Schedule Type:** Practical Experience

**Contact Hours:** 12 other

**Grade Mode:** Satisfactory/Unsatisfactory

**Attributes:** Experiential Learning Requirement

**ECED 40092 INTEGRATED FIELD EXPERIENCES (ELR) 3 Credit Hours**

(Repeatable for credit) Participation in experiences offering opportunity to plan and teach reading, language arts, integrated content units and observe students in early childhood classrooms. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school agency before the first day of the semester in which student teaching internship will take place.

**Prerequisite:** Admission to advanced study.

**Corequisite:** ECED 40114 and ECED 40126 and ECED 40127 and ECED 40147.

**Schedule Type:** Practical Experience

**Contact Hours:** 9 other

**Grade Mode:** Satisfactory/Unsatisfactory

**Attributes:** Experiential Learning Requirement

**ECED 40093 VARIABLE TITLE WORKSHOP IN EARLY CHILDHOOD EDUCATION 1-5 Credit Hours**

(Repeatable for credit) (Slashed with ECED 50093 and ECED 70093)

Topics of special interest to students desiring to intensify their knowledge in particular areas. Presenters include Kent early childhood faculty members and may include experts from outside agencies and other institutions.

**Prerequisite:** Permission.

**Schedule Type:** Workshop

**Contact Hours:** 3 other

**Grade Mode:** Satisfactory/Unsatisfactory

**ECED 40105 APPROPRIATE PHONICS INSTRUCTION FOR KINDERGARTEN AND PRIMARY CHILDREN 3 Credit Hours**

(Slashed with ECED 50105) An examination of phonics in early reading and writing development, effective strategies for teaching and assessing phonics appropriate for kindergarten and primary grade children.

**Prerequisite:** ECED 30123; and admission to advanced study.

**Corequisite:** ECED 30144 ECED 40107 and ECED 40123 and ECED 40142 (Block III).

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 40107 TEACHING MATHEMATICS: EARLY YEARS I 3 Credit Hours**

Instructional psychology and materials for effective teaching of mathematics in grades K-1 with a theoretical emphasis on cognitive development.

**Prerequisite:** ECED 30147 and MATH 14001 and 14002; and admission to advanced study.

**Corequisite:** ECED 30144 and ECED 40105 and ECED 40123 and ECED 40142.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter



**ECED 40114 TEACHING SCIENCE IN THE EARLY YEARS 3 Credit Hours**

(Slashed with ECED 50114) This course investigates engaging young children in inquiry-based processes of science. Emphasis is given to creating developmentally appropriate experiences in accordance to NAEYC guidelines. National and state science standards as well as the college and graduate school of education conceptual framework. Attention is focused on the use of science materials safety planning assessment and incorporating science across the curriculum.

**Prerequisite:** ECED 30147; and admission to advanced study.

**Corequisite:** ECED 40126 and ECED 40127 and ECED 40092 and ECED 40147 (Block IV).

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 40123 CRITICAL INQUIRY INTO INTEGRATED CURRICULUM IN THE PRIMARY YEARS 3 Credit Hours**

(Slashed with ECED 50123) Theoretical and content background addressing integration of curriculum and global perspectives aligned with the International Baccalaureate Primary Years Program.

**Prerequisite:** Admission to advanced study.

**Corequisite:** ECED 30144 and ECED 40105 and ECED 40107 and ECED 40142.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 40125 INQUIRY INTO PROFESSIONAL PRACTICE 3 Credit Hours**

Interdisciplinary inquiry into teaching as a professional practice in early childhood education. Completion of edTPA portfolio.

**Prerequisite:** ECED 40401, ECED 40402, ECED 40403, ECED 40404 and ECED 44444 (Block IV) all with a minimum C grade; and admission to advanced study.

**Corequisite:** ECED 40292.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 40126 DEVELOPMENTAL READING AND WRITING: EARLY YEARS 3 Credit Hours**

(Slashed with ECED 50126) This course explores how teachers support children's literacy development through small group strategic instruction based on formative assessments.

**Prerequisite:** ECED 40105; and admission to advanced study.

**Corequisite:** ECED 40092 and ECED 40114 and ECED 40127 and ECED 40147.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 40127 DEVELOPING A BALANCED LITERACY PROGRAM (WIC) 3 Credit Hours**

This course expands on the previous three literacy courses to explore how research-based instruction requires a balance of literacy learning formats; an integration with learning in the content areas and is based on assessment of individual children's writing abilities and how to design instruction to meet the needs of writers. The course specifically develops understandings about principles, practices, theories and research related to writing instruction.

**Prerequisite:** ECED 40105; and admission to advanced study.

**Corequisite:** ECED 40114 and ECED 40126 and ECED 40092 and ECED 40147.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**Attributes:** Writing Intensive Course

**ECED 40142 HOME-SCHOOL-COMMUNITY-PARTNERSHIPS IN DIVERSE CONTEXTS (ELR) 3 Credit Hours**

(Slashed with ECED 50142) Approaches to parent and community involvement in the education and welfare of children are examined, applied, and discussed. Focuses are theories, policies, practices, skills, and knowledge of partnership building in educational settings. An emphasis on differentiation of practices for diverse communities is applied to teaching and learning in the primary grades.

**Prerequisite:** Admission to advanced study.

**Corequisite:** ECED 30144 and ECED 40105 and 40107 and 40123.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**Attributes:** Experiential Learning Requirement, TAG Education

**ECED 40145 MUSIC MOVEMENT IN PRE-PRIMARY EDUCATION 3 Credit Hours**

(Slashed with ECED 50145) Music and movement for pre-primary children. Course intended for majors in early childhood education or other persons desiring additional work with pre-primary children.

**Prerequisite:** Admission to advanced study.

**Corequisite:** ECED 20163 and ECED 30134 and ECED 30164 (ECED Block I).

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 40147 TEACHING MATHEMATICS:EARLY YEARS II 3 Credit Hours**

Instructional psychology and materials for effective teaching of mathematics in grades K-3 with a theoretical emphasis on cognitive development.

**Prerequisite:** MATH 14001 and 14002 with a minimum C grade; and admission to advanced study.

**Corequisite:** ECED 40114 and ECED 40126 and ECED 40127 and ECED 40092 (Block IV).

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 40151 GUIDANCE OF YOUNG CHILDREN 3 Credit Hours**

Principles and practices of appropriate guidance for young children, intervention strategies, resources and materials for guidance.

**Prerequisite:** Admission to advanced study.

**Corequisite:** ECED 40105 and 40107 and 40142 and CULT 29535.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 40165 INTEGRATED APPLICATION OF PRESCHOOL CURRICULUM 3 Credit Hours**

(Equivalent to EYEC 22140) Internship in preschool. Advanced integrated preschool curriculum utilizing principles of developmentally appropriate practice focusing on infant toddler and preschool age children.

Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school-agency before the first day of the semester in which student teaching internship will take place.

**Prerequisite:** ECED 30164.

**Corequisite:** ECED 30123 and ECED 30142 and ECED 30147 and ECED 40192.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 40192 INTERNSHIP IN PRESCHOOL (ELR) 4-6 Credit Hours**

(Equivalent to ECET 22192) Internship in preschool settings, full day for fifteen weeks. Corequisites: ECED 30123 and ECED 30142 and ECED 30147 and ECED 40165

**Prerequisite:** ECED 30164; and admission to advanced study; and Official valid certification of Child Safety Training, approved Basic Life Support and ALICE Training must be presented to the campus office of clinical experience or designated faculty/staff at Regional campuses as prerequisite for student teaching.

**Schedule Type:** Practical Experience

**Contact Hours:** 20-30 other

**Grade Mode:** Satisfactory/Unsatisfactory

**Attributes:** Experiential Learning Requirement

**ECED 40196 INDIVIDUAL INVESTIGATION IN EARLY CHILDHOOD EDUCATION 1-5 Credit Hours**

(Repeatable for credit) Open to seniors in ECED. Intensive individual study on an early childhood topic selected by student and adviser.

**Prerequisite:** Admission to advanced study; and special approval.

**Schedule Type:** Individual Investigation

**Contact Hours:** 1-5 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**ECED 40203 CRITICAL INQUIRY: THE INTERNATIONAL BACCALAUREATE FRAMEWORK 3 Credit Hours**

(Slashed with ECED 50203) Theoretical and content background addressing integration of curriculum and global perspectives aligned with the International Baccalaureate Primary Years Program.

**Prerequisite:** Minimum C grade in the following courses ECED 20101, ECED 20102, ECED 20103, ECED 20105 and ECED 20192 (Block I); and admission to advanced study.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 40292 INTERNSHIP IN ELEMENTARY SCHOOLS (ELR) 4-9 Credit Hours**

(Repeatable for credit) Internship in grades K-5, full day for 15 weeks. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school-agency before the first day of the semester in which student teaching internship will take place.

**Prerequisite:** ECED 40401, ECED 40402, ECED 40403, ECED 40404 and ECED 44444 (Block IV) all with a minimum C grade; official valid certification of Child Safety Training, approved Basic Life Support and ALICE Training must be presented to the campus office of clinical experience or designated faculty-staff at Regional campuses as prerequisite for student teaching; and admission to advanced study.

**Corequisite:** ECED 40125.

**Schedule Type:** Practical Experience

**Contact Hours:** 18-36 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**Attributes:** Experiential Learning Requirement

**ECED 40301 TEACHING SOCIAL STUDIES IN THE ELEMENTARY YEARS 3 Credit Hours**

Objectives, resources, curriculum development, and methods of teaching social studies K-fifth grade with an emphasis on developing integrated social studies curriculum and engaging professional collaboration with teachers in the field. Emphasis on non-dominant narratives will be considered. At least one field experience assignment will be integrated in this course.

**Prerequisite:** Minimum C grade in the following courses: ECED 30202, ECED 30205, ECED 30292, ECED 40203 and ECED 40302 (Block II); and admission to advanced study.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 40302 TEACHING PHONICS AND WORD STUDY 3 Credit Hours**

(Slashed with ECED 50302) An examination of phonics in reading and writing development; effective strategies for teaching and assessing phonics appropriate for K-5 students.

**Prerequisite:** ECED 20101, ECED 20102, ECED 20103, ECED 20105, ECED 20192 (Block I) all with a minimum C grade; and admission to advanced study.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 40303 TEACHING MATHEMATICS IN THE ELEMENTARY YEARS I 3 Credit Hours**

Instructional psychology and materials for effective teaching of mathematics in grades K-5 with a theoretical emphasis on cognitive development; application of curriculum planning, teaching strategies, and task analysis. There are field-based assignments in this course.

**Prerequisite:** Minimum C grade in the following courses: ECED 30202, ECED 30205, ECED 30292, ECED 40203 and ECED 40302 (Block II); and admission to advanced study.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 40304 TEACHING SCIENCE IN THE ELEMENTARY YEARS 3 Credit Hours**

(Slashed with ECED 50304) This course investigates engaging students in inquiry-based science practices and big science ideas. Emphasis is given to creating developmentally appropriate experiences.

**Prerequisite:** Minimum C grade in the following courses: ECED 30202, ECED 30205, ECED 30292, ECED 40203 and ECED 40302 (Block II); and admission to advanced study.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 40305 GUIDANCE AND ASSESSMENT: SUPPORTING ALL CHILDREN 3 Credit Hours**

This course addresses the complexities of addressing individual student needs within the larger classroom setting. Strategies specific to guidance and assessment are examined to meet social/emotional and cognitive development needs and set the foundation for positive experiences in school. This course highlights a proactive stance, helping teachers develop a constructive guidance approach and meaningful assessment practices. There are field-based assignments in this course.

**Prerequisite:** Minimum C grade in ECED 30202, ECED 30205, ECED 30292, ECED 40203 and ECED 40302 (Block II); and admission to advanced study.

**Corequisite:** ECED 30392.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 40401 TEACHING SCIENCE AND SOCIAL STUDIES IN THE ELEMENTARY YEARS 3 Credit Hours**

This course focuses on the following aspects for the elementary grades: science and social studies content and practices; planning and teaching of science and social studies; and critical literacy and non-dominant narratives. There are field-based assignments in this course.

**Prerequisite:** Minimum C grade in ECED 30201, ECED 30392, ECED 40301, ECED 40303, ECED 40304 and ECED 40305 (Block III); and admission to advanced study.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 40402 TEACHING READERS IN THE ELEMENTARY YEARS 3 Credit Hours**

(Slashed with ECED 50402) This course explores how teachers support children's literacy development through small group strategic instruction based on formative assessments.

**Prerequisite:** ECED 30201, ECED 30392, ECED 40301, ECED 40303, ECED 40304 and ECED 40305 (Block III); and admission to advanced study.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 40403 TEACHING WRITERS IN THE ELEMENTARY YEARS (WIC) 3 Credit Hours**

This course expands on the previous three literacy courses to explore how research-based instruction requires a balance of literacy learning formats; an integration with learning in the content areas and is based on assessment of individual children's writing abilities and how to design instruction to meet the needs of writers. The course specifically develops understandings about principles, practices, theories and research related to writing instruction. There are field-based assignments in this course.

**Prerequisite:** Minimum C grade in the following courses: ECED 30201, ECED 30392, ECED 40301, ECED 40303, ECED 40304, and ECED 40305 (Block III); and admission to advanced study.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**Attributes:** Writing Intensive Course

**ECED 40404 TEACHING MATHEMATICS IN THE ELEMENTARY YEARS II 3 Credit Hours**

Instructional psychology and materials for effective teaching of mathematics in grades K-5 with a theoretical emphasis on cognitive development. There are field-based assignments in this course.

**Prerequisite:** Minimum C grade in ECED 30201, ECED 30392, ECED 40301, ECED 40303, ECED 40304 and ECED 40305 (Block III); and admission to advanced study.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 40492 CLINICAL EXPERIENCE PRIMARY IV (ELR) 1 Credit Hour**

A structured field experience with K-5 students in collaboration with local schools. Students are assigned a mentor teacher/classroom and participate in all classroom activities at the field site weekly. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school or agency before the first day of the semester.

**Prerequisite:** Minimum C grade in ECED 30201, ECED 40301, ECED 40303, ECED 40304 and ECED 40305 (Block III); and admission to advanced study.

**Corequisite:** ECED 44444.

**Schedule Type:** Practical Experience

**Contact Hours:** 12 other

**Grade Mode:** Satisfactory/Unsatisfactory

**Attributes:** Experiential Learning Requirement

**ECED 44444 DEVELOPMENT AND PEDAGOGY IN UPPER ELEMENTARY SCHOOL 3 Credit Hours**

Growth and development of children in grades four and five; implications for the application to the intermediate classroom; developmentally-appropriate practices including differentiation; examination of classroom systems and whole-child learning including impacts of trauma and stress. There are field-based assignments in this course.

**Prerequisite:** Minimum C grade in ECED 30201, ECED 30392, ECED 40301, ECED 40303, ECED 40304 and ECED 40305 (Block III); and admission to advanced study.

**Corequisite:** ECED 40492.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 50093 VARIABLE TITLE WORKSHOP IN EARLY CHILDHOOD EDUCATION 1-5 Credit Hours**

(Repeatable for credit) (Slashed with ECED 40093 and ECED 70093)  
Variable topic workshop in early childhood education.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Workshop

**Contact Hours:** 1-5 other

**Grade Mode:** Satisfactory/Unsatisfactory

**ECED 50105 APPROPRIATE PHONICS INSTRUCTION FOR KINDERGARTEN AND PRIMARY CHILDREN 3 Credit Hours**

An examination of phonics in early reading and writing development, effective strategies for teaching and assessing phonics appropriate for kindergarten and primary grade children.

**Prerequisite:** ECED 60167; and Early Childhood Education major; and graduate standing.

**Corequisite:** ECED 50147, ECED 50114 and ECED 50126.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 50114 TEACHING SCIENCE IN THE EARLY YEARS 3 Credit Hours**

(Slashed with ECED 40114) This course investigates engaging young children in inquiry-based processes of science. Emphasis is given to creating developmentally appropriate experiences in accordance to NAEYC guidelines. National and state science standards as well as the college and graduate school of education conceptual framework. Attention is focused on the use of science materials safety planning assessment and incorporating science across the curriculum.

**Prerequisite:** Graduate standing in the Master of Arts in Teaching program.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 50123 CRITICAL INQUIRY INTO INTEGRATED CURRICULUM IN THE PRIMARY YEARS 3 Credit Hours**

(Slashed with ECED 40123) Theoretical and content background addressing integration of curriculum and global perspectives aligned with the International Baccalaureate Primary Years Program.

**Prerequisite:** ECED 60113 and 60152; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 50125 INQUIRY INTO PROFESSIONAL PRACTICE 3 Credit Hours**

(Slashed with ECED 40125) Interdisciplinary inquiry into teaching as a professional practice in early childhood education. Completion of a unit wide assessment determined by EHHS teacher education. Corequisites: ECED 67292

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 50126 DEVELOPMENTAL READING AND WRITING: THE EARLY YEARS 3 Credit Hours**

(Slashed with ECED 40126) This course explores how teachers support children's literacy development through small group strategic instruction based on formative assessments.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 50142 HOME, SCHOOL AND COMMUNITY RELATIONS 3 Credit Hours**

(Slashed with ECED 40142) Approaches to parent and community involvement in the education and welfare of children. Understanding of role of community agencies and organizations.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 50145 MUSIC AND MOVEMENT IN PRE-PRIMARY EDUCATION 3 Credit Hours**

(Slashed with ECED 40145) Music and movement for pre-primary children. Course intended for majors in early childhood education or other persons desiring additional work with pre-primary children.

**Prerequisite:** Graduate standing; and special approval from instructor.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 50147 TEACHING MATHEMATICS:EARLY YEARS 3 Credit Hours**

Instructional psychology and materials for effective teaching of mathematics in prekindergarten through grade three with a theoretical emphasis on cognitive development.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 50153 ORGANIZATION AND SUPERVISION OF EARLY CHILDHOOD CENTERS 3 Credit Hours**

Basic guidelines for establishing and supervising early childhood settings for infants, preschool and school age children.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 50203 CRITICAL INQUIRY: THE INTERNATIONAL BACCALAUREATE FRAMEWORK 3 Credit Hours**

(Slashed with ECED 40203) Theoretical and content background addressing integration of curriculum and global perspectives aligned with the International Baccalaureate Primary Years Program.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 50301 TEACHING SOCIAL STUDIES IN K-5 CLASSROOMS 3 Credit Hours**

Social Studies objectives, resources, curriculum development, and methods of teaching K-5 with an emphasis on developing integrated social studies curriculum and engaging professional collaborations with teachers in the field is emphasized. Narratives of diversity and difference with an emphasis upon social justice pedagogies are discussed and described. At least one field based experience assignment will be integrated into teaching and learning in this course.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 50302 TEACHING PHONICS AND WORD STUDY 3 Credit Hours**

(Slashed with ECED 40302) An examination of phonics in reading and writing development, effective strategies for teaching and assessing phonics appropriate for K-5 students.

**Prerequisite:** Early Childhood Education major; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 50303 TEACHING MATHEMATICS IN THE ELEMENTARY YEARS I 3 Credit Hours**

Instructional psychology and materials for effective teaching of mathematics in grades K-5 with a theoretical emphasis on cognitive development.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 50304 TEACHING SCIENCE IN THE ELEMENTARY YEARS 3 Credit Hours**

(Slashed with ECED 40304) This course investigates engaging students in inquiry-based science practices and big science ideas. Emphasis is given to creating developmentally appropriate experiences.

**Prerequisite:** Majors enrolled in a Master of Arts in Teaching degree; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 50402 TEACHING READERS IN THE ELEMENTARY YEARS 3 Credit Hours**

(Slashed with ECED 40402) This course explores how teachers support children's literacy development through small group strategic instruction based on formative assessments.

**Prerequisite:** ECED 50302 and ECED 60201 with a minimum C grade; and Early Childhood Education within the Master of Arts in Teaching degree; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 50403 TEACHING WRITERS IN THE ELEMENTARY YEARS 3 Credit Hours**

This course expands on the previous three literacy courses to explore how research-based instruction requires a balance of literacy learning formats; an integration with learning in the content areas and is based on assessment of individual children's writing abilities and how to design instruction to meet the needs of writers. The course specifically develops understandings about principles, practices, theories and research related to writing instruction.

**Prerequisite:** ECED 50302 and ECED 60201; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 50404 TEACHING MATHEMATICS IN THE ELEMENTARY YEARS II 3 Credit Hours**

Instructional psychology and materials for effective teaching of mathematics in grades K-5 with a theoretical emphasis on cognitive development. There are field based assignments in this course.

**Prerequisite:** ECED 50303 and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 54444 DEVELOPMENT AND PEDAGOGY IN UPPER ELEMENTARY SCHOOL 3 Credit Hours**

Growth and development of children in grades four and five; implications for the application to the intermediate classroom; developmentally-appropriate practices including differentiation; examination of classroom systems and whole-child learning including impacts of trauma and stress.

**Prerequisite:** Graduate standing.

**Pre/corequisite:** CI 67005.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 60101 CONSTRUCTIVIST TEACHING IN TRADITIONAL AND NON-TRADITIONAL EARLY CHILDHOOD SETTINGS 3 Credit Hours**

Theorists and researchers with a constructivist orientation will be examined in relationship to teacher beliefs and diverse settings. The course will focus on constructivist practices emphasizing child sensitive curriculum within traditional (classrooms and schools) and non-traditional settings (museums, forests, etc.).

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 60102 DEVELOPING A BALANCED LITERACY PROGRAM 3 Credit Hours**

An examination of own teaching practice focusing on assessment strategies to inform decision making for individual children and evaluation strategies to fine tune a balanced literacy program.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 60103 SOCIAL STUDIES AND THE ARTS IN PRESCHOOL 3 Credit Hours**

Young children's development in the expressive arts and social studies; implications for development of the environment, integrated curriculum and teaching methods for preschool children.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 60110 TEACHING HUMANITIES: EARLY YEARS 3 Credit Hours**

Looking at Humanities through the lens of a young child's experience in learning with a focus on visual thinking and expression, music and movement.

**Prerequisite:** Admission to advanced study; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 60112 HUMANITIES FOR CHILDREN 2 Credit Hours**

(Slashed with ECED 70112) Relevance of humanities as applied to education of young children.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 2 lecture

**Grade Mode:** Standard Letter

**ECED 60113 PRESCHOOL EDUCATION 3 Credit Hours**

(Slashed with ECED 70113) In-depth study of curriculum development in preschool programs.

**Prerequisite:** Graduate standing.

**Corequisite:** ECED 67292.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 60115 SCIENCE TECHNOLOGY ENGINEERING AND MATHEMATICS FOUNDATIONS FOR EARLY AND MIDDLE CHILDHOOD EDUCATION 3 Credit Hours**

(Cross-listed with MCED 60115) This course introduces early and middle childhood educators to STEM (Science, Technology, Engineering, Mathematics) for students in K-6 classrooms. This includes a foundation and overview of the what, how, and why STEM is included in K-6 classrooms. As a foundations course, students will gain exposure to integrating the STEM disciplines, assessment of mathematics and science in STEM, and aspects of developmentally appropriate STEM for early and middle childhood settings.

**Prerequisite:** ECED 50303 and graduate standing.

**Pre/corequisite:** ECED 50404; ECED 50304.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 60116 SCIENCE TECHNOLOGY ENGINEERING AND MATH INQUIRY FOR EARLY CHILDHOOD EDUCATION 3 Credit Hours**

This course builds on STEM Foundations for Early Childhood Education. Interdisciplinary teaching of STEM for young children is the main focus, with attention to specific pedagogical applications. Thus, inquiry as a pedagogic approach to STEM application is a central, concurrent feature of this course.

**Prerequisite:** ECED 60115; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 60145 TEACHING SOCIAL STUDIES: EARLY YEARS 3 Credit Hours**

Involves the systematic study of the theories, methods, and materials necessary to successfully teach social studies to diverse populations of pre-Kindergarten and elementary school students growing up in a global society. The course will consider aspects of the history of social studies and theory and research in social education as a background for understanding methods and materials.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 60151 SOCIOMORAL ENVIRONMENT IN EARLY CHILDHOOD EDUCATION 3 Credit Hours**

(Slashed with ECED 70151) Children's social and moral development will be explored in relationship to the context of primary classrooms. Children's social problem-solving, friendship making, guidance strategies and interventions, building and facilitating classroom communities and promoting caring classrooms will be the focus of this course.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 60152 APPLICATION OF SELECTED THEORETICAL PRINCIPLES TO THE DEVELOPMENT OF YOUNG CHILDREN 3 Credit Hours**

(Slashed with ECED 70152) Examination of theories pertaining to child development which have special relevance in understanding and meeting developmental needs of young children. Application of selected theoretical principles to child development.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 60156 FOUNDATIONS IN EARLY CHILDHOOD SERVICES 3 Credit Hours**

(Cross-listed with SPED 63956 and SPED 73956) Issues facing children within family/society; history of early childhood services; theoretical perspectives; implications of childhood disabilities; recommended assessment, intervention and evaluation.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 60158 RECONCEPTUALIZING EARLY CHILDHOOD CURRICULUM 3 Credit Hours**

(Slashed with ECED 70158) Course examines postmodern understanding of early childhood education curricula in relationship to teaching (instruction-oriented teaching vs. pedagogy-based teaching). Social, historical, legal, political, international and cultural issues that have affected early childhood education curricula practices will be critically examined.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 60159 FAMILY PROFESSIONAL COLLABORATION IN EARLY CHILDHOOD 3 Credit Hours**

(Cross-listed with SPED 63952) Examines issues facing families and professionals serving young children who are at risk, disabled and typically developing.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 60160 TYPICAL AND ATYPICAL DEVELOPMENT IN YOUNG CHILDREN 3 Credit Hours**

(Cross-listed with SPED 63955) Overview of typical/atypical development pathways age three to grade three: theories of behavior, implications of atypical development on play/learning; development within ecological framework.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 60163 CONTEMPORARY ISSUES AND TRENDS IN EARLY CHILDHOOD EDUCATION 3 Credit Hours**

(Slashed with ECED 70163) The course is an examination of contemporary issues with young children, families, school communities, and diverse populations detailing the philosophical, social, and political ramifications of the study of children highlighting current research, practices and policies. This course will examine a body of literature, (recent seminal works of impact in early childhood), which encompass a few of the pervasive dilemmas and debates shaping the early childhood field in the U.S. today (with a global international backdrop). International perspectives on issues will be liberally juxtaposed in conjunction with U.S. issues, and overall this course will address how educators have and can structure their practice with various communities to support young children, families, and society.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 60167 LANGUAGE AND LITERACY: UNDERSTANDING DEVELOPMENT 3 Credit Hours**

(Slashed with ECED 70167) The development of language in children from birth through age eight with a focus on the process of typical language development and the diversity of multi-cultural language. Topics specifically related to classroom teaching include the assessment of language delays and disorders and strategies for connecting oral language to literacy in preschool.

**Prerequisite:** Graduate standing.

**Corequisite:** ECED 60152.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 60170 WRITING FOR PUBLICATION AND DISSEMINATION IN EARLY CHILDHOOD EDUCATION 3 Credit Hours**

The seminar examines publication possibilities within early childhood education. A wide range of writing (e.g., journals, book reviews, training modules-manuals) will be reviewed for topics concerning young children (i.e., education, development, families, care, schools, health, and-or their teachers-providers.) This seminar will rely greatly on student participation for determining topics in support of individual interests, research, teaching practices at the university level, curriculum practices in the early childhood classrooms and settings, and more.

**Prerequisite:** Graduate standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 60199 THESIS I 2-6 Credit Hours**

Thesis students must register for a total of 6 hours, 2 to 6 hours in a single semester distributed over several semesters if desired.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Masters Thesis

**Contact Hours:** 2-6 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**ECED 60201 TEACHING EARLY READERS 3 Credit Hours**

An examination of the process of languages and literacies development. This course focuses on teaching literacy to primary age students.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 60299 THESIS II 2 Credit Hours**

Thesis students must continue registration each semester until all degree requirements are met.

**Prerequisite:** ECED 60199; and graduate standing.

**Schedule Type:** Masters Thesis

**Contact Hours:** 2 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**ECED 60392 CLINICAL EXPERIENCE PRIMARY III 1 Credit Hour**

A structured field experience with K-5 students in collaboration with local schools. Students are assigned a mentor teacher/classroom and participate in all classroom activities at the field site weekly. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school or agency before the first day of the semester.

**Prerequisite:** Graduate standing.

**Schedule Type:** Practical Experience

**Contact Hours:** 12 other

**Grade Mode:** Satisfactory/Unsatisfactory

**ECED 60492 CLINICAL EXPERIENCE PRIMARY IV 1 Credit Hour**

A structured field experience with K-5 students in collaboration with local schools. Students are assigned a mentor teacher/classroom and participate in all classroom activities at the field site weekly. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school or agency before the first day of the semester.

**Prerequisite:** Graduate standing.

**Schedule Type:** Practical Experience

**Contact Hours:** 12 other

**Grade Mode:** Satisfactory/Unsatisfactory

**ECED 63333 FAMILY-SCHOOL-COMMUNITY PARTNERSHIPS IN DIVERSE SETTINGS 3 Credit Hours**

Approaches to parent and community involvement in the education and welfare of children are examined, applied, and discussed. Focuses are theories, policies, practices, skills, and knowledge of partnership building in educational settings. An emphasis on differentiation of practices for diverse communities is applied to teaching and learning in the primary grades.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 67291 SEMINAR IN EARLY CHILDHOOD EDUCATION 1-4 Credit Hours**

(Repeatable for credit) (Slashed with ECED 77291) Seminar in early childhood education.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Seminar

**Contact Hours:** 1-4 other

**Grade Mode:** Standard Letter

**ECED 67292 PRACTICUM AND INTERNSHIP IN EARLY CHILDHOOD EDUCATION 1-10 Credit Hours**

(Repeatable for credit) (Slashed with ECED 77292) Practicum/internship in early childhood education. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school/agency before the first day of the semester in which student teaching/ internship will take place.

**Prerequisite:** Official valid certification of Child Safety Training, approved Basic Life Support and ALICE Training must be presented to the campus office of clinical experience or designated faculty/staff at Regional campuses as prerequisite for student teaching; and graduate standing.

**Schedule Type:** Practical Experience

**Contact Hours:** 3-30 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**ECED 67295 SPECIAL TOPICS IN EARLY CHILDHOOD EDUCATION 1-5 Credit Hours**

(Repeatable for credit) (Slashed with ECED 77295) Special topics in early childhood education.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Lecture

**Contact Hours:** 1-5 lecture

**Grade Mode:** Standard Letter

**ECED 67296 INDIVIDUAL INVESTIGATION IN EARLY CHILDHOOD EDUCATION 1-5 Credit Hours**

(Repeatable for credit) Individual investigation in early childhood education.

**Prerequisite:** Graduate standing; and permission.

**Schedule Type:** Individual Investigation

**Contact Hours:** 1-5 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**ECED 67298 RESEARCH IN EARLY CHILDHOOD EDUCATION 1-15 Credit Hours**

(Repeatable for credit) Research in early childhood education.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Research

**Contact Hours:** 1-15 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**ECED 70093 VARIABLE TITLE WORKSHOP IN EARLY CHILDHOOD EDUCATION 1-5 Credit Hours**

(Repeatable for credit) (Slashed with ECED 40093 and ECED 50093)

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Workshop

**Contact Hours:** 1-5 other

**Grade Mode:** Satisfactory/Unsatisfactory

**ECED 70101 CONSTRUCTIVIST TEACHING IN EARLY CHILDHOOD CLASSROOMS 3 Credit Hours**

Theorists and researchers with a constructivist orientation will be examined in relationship to teacher beliefs. The course will focus on constructivist practices emphasizing child-sensitive curriculum and teaching practices.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 70102 DEVELOPING A BALANCED LITERACY PROGRAM 3 Credit Hours**

An examination of own teaching practice focusing on assessment strategies to inform decision-making for individual children and evaluation strategies to fine tune a balanced literacy program.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 70112 HUMANITIES FOR CHILDREN 2 Credit Hours**

(Slashed with ECED 60112) Relevance of humanities as applied to education of young children.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 2 lecture

**Grade Mode:** Standard Letter

**ECED 70113 PRESCHOOL EDUCATION 3 Credit Hours**

(Slashed with ECED 60113) In-depth study of curriculum development in preschool programs.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 70151 SOCIOMORAL ENVIRONMENT IN EARLY CHILDHOOD EDUCATION 3 Credit Hours**

(Slashed with ECED 60151) Children's social and moral development will be explored in relationship to the context of primary classrooms. Children's social problem-solving, friendship-making, guidance strategies and interventions, building and facilitating classroom communities and promoting caring classrooms will be the focus of this course.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter



**ECED 70152 APPLICATION OF SELECTED THEORETICAL PRINCIPLES TO THE DEVELOPMENT OF YOUNG CHILDREN 3 Credit Hours**

(Slashed with ECED 60152) Examination of theories pertaining to child development which have special relevance in understanding and meeting developmental needs of young children. Application of selected theoretical principles to child development.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 70158 RECONCEPTUALIZING EARLY CHILDHOOD CURRICULUM 3 Credit Hours**

(Slashed with ECED 60158) Course examines postmodern understanding of early childhood education curricula in relationship to teaching (instruction-oriented teaching vs. pedagogy-based teaching). Social, historical, legal, political, international and cultural issues that have affected early childhood education curricula practices will be critically examined.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 70163 CONTEMPORARY ISSUES AND TRENDS IN EARLY CHILDHOOD EDUCATION 3 Credit Hours**

(Slashed with ECED 60163) The course is an examination of contemporary issues with young children, families, school communities, and diverse populations detailing the philosophical, social, and political ramifications of the study of children highlighting current research, practices and policies. This course will examine a body of literature (recent seminal works of impact in early childhood), which encompass a few of the pervasive dilemmas and debates shaping the early childhood field in the U.S. today (with a global international backdrop). International perspectives on issues will be liberally juxtaposed with U.S. issues, and overall this course will address how educators have and can structure their practice with various communities to support young children, families and society.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 70167 LANGUAGE AND LITERACY: UNDERSTANDING DEVELOPMENT 3 Credit Hours**

(Slashed with ECED 60167) The development of language in children from birth through age eight with a focus on the process of typical language development and the diversity of multi-cultural language. Topics specifically related to classroom teaching include the assessment of language, delays and disorders and strategies for connecting oral language to literacy in preschool.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 70170 WRITING FOR PUBLICATION AND DISSEMINATION IN EARLY CHILDHOOD EDUCATION 3 Credit Hours**

(Slashed with ECED 60170) The seminar examines publication possibilities within the field of early childhood education. A wide range of writing (e.g., journals, books reviews, training modules-manuals) will be reviewed for topics concerning young children (i.e., education, development, families, care, schools, health, and-or their teachers providers.) This seminar will rely a great deal on student participation for determining topics in support of individual interests, research, teaching practices at the university level, curriculum practices in the early childhood classrooms and settings and more.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ECED 77291 SEMINAR IN EARLY CHILDHOOD EDUCATION 1-4 Credit Hours**

(Repeatable for credit) (Slashed with ECED 67291) Seminar in ECED.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Seminar

**Contact Hours:** 1-4 other

**Grade Mode:** Standard Letter

**ECED 77292 PRACTICUM AND INTERNSHIP IN EARLY CHILDHOOD EDUCATION 1-10 Credit Hours**

(Repeatable for credit) (Slashed with ECED 67292) Practicum/ internship in ECED. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school/agency before the first day of the semester in which student teaching/ internship will take place.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 3-30 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**ECED 77295 SPECIAL TOPICS IN EARLY CHILDHOOD EDUCATION 1-5 Credit Hours**

(Repeatable for credit) (Slashed with ECED 67295) Special topics in ECED.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Lecture

**Contact Hours:** 1-5 lecture

**Grade Mode:** Standard Letter

**ECED 80291 ADVANCED SEMINAR IN EARLY CHILDHOOD EDUCATION 1-4 Credit Hours**

(Repeatable for credit) Advanced seminar in ECED.

**Prerequisite:** Doctoral standing; and permission.

**Schedule Type:** Seminar

**Contact Hours:** 1-4 other

**Grade Mode:** Standard Letter

**ECED 80295 SPECIAL TOPICS IN EARLY CHILDHOOD EDUCATION 1-5 Credit Hours**

(Repeatable for credit) Special topics in ECED.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Lecture

**Contact Hours:** 1-5 lecture

**Grade Mode:** Standard Letter

**ECED 80298 RESEARCH IN EARLY CHILDHOOD EDUCATION 1-15 Credit Hours**

(Repeatable for credit) Research in ECED.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Research

**Contact Hours:** 1-15 other

**Grade Mode:** Standard Letter

**Educational Technology (ETEC)****ETEC 39525 EDUCATIONAL TECHNOLOGY 3 Credit Hours**

Develops knowledge and skills in designing, implementing, and assessing learning experiences, using various digital tools and resources to support teaching, learning and research.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ETEC 40093 VARIABLE TITLE WORKSHOP IN EDUCATIONAL TECHNOLOGY 1-4 Credit Hours**

(Repeatable for credit) (Slashed with ETEC 50093) Variable topic workshop designed to respond to emerging or specialized needs in educational technology.

**Prerequisite:** None.

**Schedule Type:** Workshop

**Contact Hours:** 1-4 other

**Grade Mode:** Satisfactory/Unsatisfactory

**ETEC 47400 TRENDS IN EDUCATIONAL TECHNOLOGY 3 Credit Hours**

(Slashed with ETEC 57400) Overview of current technologies as they are used in education. Teaches principles and techniques for selecting and using technology for instruction. Focuses on digital technologies that can be used to increase the effectiveness of education.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ETEC 47403 INSTRUCTIONAL DESIGN 3 Credit Hours**

(Slashed with ETEC 57403) Enables students to design and develop instructional systems and materials using a systematic and research- and theory-based instructional design model.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ETEC 47427 TECHNOLOGY AND LEARNING 3 Credit Hours**

(Slashed with ETEC 57427) The effective use of technology for teaching and learning depends on understanding how researchers have created, integrated, and adapted technology integration and adoption models. This course presents an overview of key theories and concepts that have transformed our understanding of educational technology. It relies on a knowledge of the psychological principles of learning. Students without such knowledge should consider taking EPSY 29525 Educational Psychology first.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ETEC 47495 SPECIAL TOPICS: EDUCATIONAL TECHNOLOGY 1-4 Credit Hours**

(Repeatable for credit) Specialized offering in response to emerging or selected program needs in educational technology.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 1-4 lecture

**Grade Mode:** Standard Letter

**ETEC 47496 INDIVIDUAL INVESTIGATION IN EDUCATIONAL TECHNOLOGY 1-3 Credit Hours**

(Repeatable for credit) Directed independent reading and/or research of special interest or need in student's program. Planned with and directed by a faculty member.

**Prerequisite:** Special approval.

**Schedule Type:** Individual Investigation

**Contact Hours:** 3-9 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**ETEC 50093 VARIABLE TITLE WORKSHOP IN EDUCATIONAL TECHNOLOGY 1-4 Credit Hours**

(Repeatable for credit) (Slashed with ETEC 40093) Variable topic workshop designed to respond to emerging or specialized needs in educational technology.

**Prerequisite:** Graduate standing.

**Schedule Type:** Workshop

**Contact Hours:** 1-4 other

**Grade Mode:** Satisfactory/Unsatisfactory

**ETEC 57400 TRENDS IN EDUCATIONAL TECHNOLOGY 3 Credit Hours**

(Slashed with ETEC 47400) Overview of current technologies as they are used in education. Teaches principles and techniques for selecting and using technology for instruction. Focuses on digital technologies that can be used to increase the effectiveness of education.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ETEC 57403 INSTRUCTIONAL DESIGN 3 Credit Hours**

(Slashed with ETEC 47403) Enables students to design and develop instructional systems and materials using a systematic and research- and theory-based instructional design model.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ETEC 57427 TECHNOLOGY AND LEARNING 3 Credit Hours**

(Slashed with ETEC 47427) The effective use of technology for teaching and learning depends on understanding how researchers have created, integrated, and adapted technology integration and adoption models. This course presents an overview of key theories and concepts that have historically transformed our understanding of educational technology. It relies on a knowledge of the psychological principles of learning. Students without such knowledge should consider taking EPSY 65524 Learning Theories, first.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ETEC 60199 THESIS I 2-6 Credit Hours**

(Repeatable for credit) Students electing to complete a thesis to fulfill the requirements for the Master of Education degree must register for at least one semester of Thesis I.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Masters Thesis

**Contact Hours:** 6-18 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**ETEC 60299 THESIS II 2 Credit Hours**

(Repeatable for credit) When 6 credits of Thesis I have been complete, students electing to complete a thesis to fulfill the requirements for the Master of Education degree must continue to register each semester for Thesis II until all degree requirements have been completed.

**Prerequisite:** Graduate standing.

**Schedule Type:** Masters Thesis

**Contact Hours:** 6 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**ETEC 67402 MANAGING SCHOOL TECHNOLOGY CENTERS AND PROGRAMS 3 Credit Hours**

(Slashed with ETEC 77402) Provides skills in planning, organizing, administering and evaluating school-based technology and media centers.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ETEC 67410 SIMULATIONS AND GAMES IN EDUCATION 3 Credit Hours**

(Slashed with ETEC 77410) Introduction to digital simulations and games as educational tools. Students develop proficiency in applying these tools to learning. Surveys research and design principles and introduces game editors for developing simulations and games.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ETEC 67411 DESIGNING VISUALS FOR EDUCATION 3 Credit Hours**

(Slashed with ETEC 77411) Investigates research in perception and cognition and its influence on principles and best practices in educational visual design. Focuses on the design of educational visuals and media in print, video, and computer-based technology.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ETEC 67420 RESEARCH ISSUES IN EDUCATIONAL TECHNOLOGY 3 Credit Hours**

(Slashed with ETEC 77420) Reviews the foundations of the field of Educational Technology as well as the basic theories that underlie its practice. Teaches masters students to read and make use of research in the field and doctoral students to critique research and develop meaningful research questions in the field.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ETEC 67425 MANAGING TECHNOLOGICAL CHANGE 3 Credit Hours**

(Slashed with ETEC 77425) Analyzing organizations and situations to determine the needs for and obstacles to technological change. Development of strategies for technological change. Identifying goals for change projects and basic project management techniques for implementing them.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ETEC 67426 MANAGING SCHOOL TECHNOLOGIES 3 Credit Hours**

(Slashed with ETEC 77426) Specifically for students interested in working in school settings managing computer labs and school servers and networks. Covers managing aspects of computer hardware, software and updates, and networks.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ETEC 67432 DESIGNING MULTIMEDIA FOR EDUCATION 3 Credit Hours**

(Slashed with ETEC 77432) Application of evidence-based instructional methods to the design, development, and evaluation of multimedia learning materials. Research-based guidelines for multimedia learning that influence learning outcomes. Uses various tools to design and develop multimedia projects.

**Prerequisite:** ETEC 57403; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ETEC 67434 EMERGING TECHNOLOGIES FOR EDUCATION 3 Credit Hours**

(Slashed with ETEC 77434) Focuses on the theoretical foundations, design, and development of educational delivery systems employing leading-edge and emergent technologies. Includes presentations and activities that employ the technologies.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ETEC 67435 VIRTUAL AND AUGMENTED REALITY 3 Credit Hours**

(Slashed with ETEC 77435) Virtual augmented reality can help provide engaging educational experiences. This course enables students to understand best practices and core guidelines in these technologies. Design principles and software for developing environments are included.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ETEC 67442 DESIGNING ONLINE AND BLENDED COURSES 3 Credit Hours**

(Slashed with ETEC 77442) Online and blended courses present new challenges in designing instructional experiences for students. Students will analyze course goals and contexts, design and develop effective online educational materials, interactions and discourses, and plan the evaluation of online courses.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ETEC 67444 TEACHING ONLINE AND BLENDED COURSES 3 Credit Hours**

(Slashed with ETEC 77444) Course explores using pedagogical approaches appropriate to online learning, including facilitating synchronous and asynchronous discussions, facilitating embedded assessment, enhancing online interactivity, collaboration and community and incorporating self-directed learning. Students discuss, analyze and use these strategies in online teaching and learning.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ETEC 67445 DESIGNING INSTRUCTIONAL AND PERFORMANCE SOLUTIONS 3 Credit Hours**

(Slashed with ETEC 77445) Develop knowledge of the systematic approach to instructional design, the contexts of application of this approach, and the roles of professionals in this field in adapting and applying the process in a flexible and innovative manner, especially to large-scale projects.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ETEC 67449 RESEARCH IN ONLINE AND BLENDED LEARNING 3 Credit Hours**

(Slashed with ETEC 77449) Course reviews current research issues in online teaching and learning and explores potential new areas of research. Students engage in guided inquiry to identify, understand, apply, and critique current research. Students participate in a constructive online learning environment.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ETEC 67491 SEMINAR: EDUCATIONAL TECHNOLOGY 1-4 Credit Hours**

(Repeatable for credit) (Slashed with ETEC 77491) Variable topic seminar for advanced study of specialized areas and topics. Normally designed around research and theory applied to practice.

**Prerequisite:** Graduate standing.

**Schedule Type:** Seminar

**Contact Hours:** 1-4 other

**Grade Mode:** Standard Letter

**ETEC 67492 PRACTICUM AND PORTFOLIO 3 Credit Hours**

Apply knowledge and skills related to the design, development, implementation, management, and evaluation of educational technologies through practical field experience in a school setting or an environment where educational technology services and programs are being used. Create a standards-based online portfolio to demonstrate professional competence and growth.

**Prerequisite:** Graduate standing.

**Schedule Type:** Practical Experience

**Contact Hours:** 10 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**ETEC 67495 SPECIAL TOPICS IN EDUCATIONAL TECHNOLOGY 1-4 Credit Hours**

(Repeatable for credit) Specialized offering in response to emerging or selected program needs in educational technology.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 1-4 lecture

**Grade Mode:** Standard Letter

**ETEC 67496 INDIVIDUAL INVESTIGATION IN EDUCATIONAL TECHNOLOGY 1-3 Credit Hours**

(Repeatable for credit) (Slashed with ETEC 77496) Directed independent reading and/or research of special interest or need in student's program. Planned with and directed by a graduate faculty member.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Individual Investigation

**Contact Hours:** 3-9 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**ETEC 67498 INDEPENDENT RESEARCH IN EDUCATIONAL TECHNOLOGY 1-5 Credit Hours**

(Repeatable for credit) (Slashed with ETEC 77498) Students pursue an individualized research project on a specialized topic with approval and under direction of instructor.

**Prerequisite:** Graduate standing.

**Schedule Type:** Research

**Contact Hours:** 3-15 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**ETEC 77402 MANAGING SCHOOL TECHNOLOGY CENTERS AND PROGRAMS 3 Credit Hours**

(Slashed with ETEC 67402) Provides skills in planning, organizing, administering and evaluating school-based technology and media centers.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ETEC 77410 SIMULATIONS AND GAMES IN EDUCATION 3 Credit Hours**

Introduction to digital simulations and games as educational tools. Students develop proficiency in applying these tools to learning. Surveys research and design principles and introduces game editors for developing simulations and games.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**ETEC 77411 DESIGNING VISUALS FOR EDUCATION 3 Credit Hours**

(Slashed with ETEC 67411) Investigates research in perception and cognition and its influence on principles and best practices in educational visual design. Focuses on the design of educational visuals and media in print, video, and computer-based technology.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EETC 77420 RESEARCH ISSUES IN EDUCATIONAL TECHNOLOGY 3 Credit Hours**

Reviews the foundations of the field of Educational Technology as well as the basic theories that underlie its practice. Teaches masters students to read and make use of research in the field and doctoral students to critique research and develop meaningful research questions in the field.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EETC 77425 MANAGING TECHNOLOGICAL CHANGE 3 Credit Hours**

(Slashed with EETC 67425) Analyzing organizations and situations to determine the needs for and obstacles to technological change.

Development of strategies for technological change. Identifying goals for change projects and basic project management techniques for implementing them.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EETC 77426 MANAGING SCHOOL TECHNOLOGIES 3 Credit Hours**

(Slashed with EETC 67426) Specifically for students interested in working in school settings managing computer labs and school servers and networks. Covers managing aspects of computer hardware, software and updates, and networks.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EETC 77432 DESIGNING MULTIMEDIA FOR EDUCATION 3 Credit Hours**

(Slashed with EETC 67432) Application of evidence-based instructional methods to the design, development, and evaluation of multimedia learning materials. Research-based guidelines for multimedia learning that influence learning outcomes. Uses various tools to design and develop multimedia projects.

**Prerequisite:** EETC 57403; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EETC 77434 EMERGING TECHNOLOGIES FOR EDUCATION 3 Credit Hours**

(Slashed with EETC 67434) Focuses on the theoretical foundations, design, and development of educational delivery systems employing leading-edge and emergent technologies. Includes presentations and activities that employ the technologies.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EETC 77435 VIRTUAL AND AUGMENTED REALITY 3 Credit Hours**

(Slashed with EETC 67435) Virtual augmented reality can help provide engaging educational experiences. This course enables students to understand best practices and core guidelines in these technologies. Design principles and software for developing environments are included.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EETC 77442 DESIGNING ONLINE AND BLENDED COURSES 3 Credit Hours**

(Slashed with EETC 67442) Online and blended courses present new challenges in designing instructional experiences for students. Students will analyze course goals and contexts, design and develop effective online educational materials, interactions and discourses, and plan the evaluation of online courses.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EETC 77444 TEACHING ONLINE AND BLENDED COURSES 3 Credit Hours**

(Slashed with EETC 67444) Course explores using pedagogical approaches appropriate to online learning, including facilitating synchronous and asynchronous discussions, facilitating embedded assessment, enhancing online interactivity, collaboration and community and incorporating self-directed learning. Students discuss, analyze and use these strategies in online teaching and learning.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EETC 77445 DESIGNING INSTRUCTIONAL AND PERFORMANCE SOLUTIONS 3 Credit Hours**

(Slashed with EETC 67445) Develop knowledge of the systematic approach to instructional design, the contexts of application of this approach, and the roles of professionals in this field in adapting and applying the process in a flexible and innovative manner, especially to large-scale projects.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EETC 77449 RESEARCH IN ONLINE AND BLENDED LEARNING 3 Credit Hours**

(Slashed with EETC 67449) Course reviews current research issues in online teaching and learning and explores potential new areas of research. Students engage in guided inquiry to identify, understand, apply, and critique current research. Students participate in a constructive online learning environment.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EETC 77491 SEMINAR: EDUCATIONAL TECHNOLOGY 1-4 Credit Hours**

(Repeatable for credit) (Slashed with EETC 67491) Variable topic seminar for advanced study of specialized areas and topics. Normally designed around research and theory applied to practice.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Seminar

**Contact Hours:** 1-4 other

**Grade Mode:** Standard Letter

**ETEC 77492 ADVANCED PRACTICUM AND INTERNSHIP IN EDUCATIONAL TECHNOLOGY 1-10 Credit Hours**

Supervised program requiring application of theory to practice in the use of instructional technology directed by a graduate faculty member and a practitioner in the field. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school-agency before the first day of the semester in which internship will take place.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Practical Experience

**Contact Hours:** 3-33 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**ETEC 77495 SPECIAL TOPICS IN EDUCATIONAL TECHNOLOGY 1-4 Credit Hours**

(Slashed with ETEC 67495) Specialized offering in response to emerging or selected program needs in educational technology.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 1-4 lecture

**Grade Mode:** Standard Letter

**ETEC 77496 INDIVIDUAL INVESTIGATION IN EDUCATIONAL TECHNOLOGY 1-3 Credit Hours**

(Repeatable for credit) (Slashed with ETEC 67496) Directed independent reading and/or research of special interest or need in student's program. Planned with and directed by a graduate faculty member.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Individual Investigation

**Contact Hours:** 3-9 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**ETEC 77498 INDEPENDENT RESEARCH IN EDUCATIONAL TECHNOLOGY 1-5 Credit Hours**

(Repeatable for credit) (Slashed with ETEC 67498) Students pursue an individualized research project on a specialized topic with approval and under direction of instructor.

**Prerequisite:** Doctoral standing; and special approval.

**Schedule Type:** Research

**Contact Hours:** 3-15 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**ETEC 87450 LEARNING WITH EDUCATIONAL TECHNOLOGIES 3 Credit Hours**

Provides an overall introduction to research and practice in educational technology at the doctoral level. Includes examination of principles and examples of the effective application of technology to educational settings as well as approaches to research in the field.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**Middle Childhood Education (MCED)****MCED 20000 LEARNING AND EXPERIENCE IN MIDDLE CHILDHOOD EDUCATION 3 Credit Hours**

This course introduces Middle Childhood Education (MCED) teacher candidates to the cultural, community, social, emotional, cognitive, physical and moral development of early adolescents. It offers MCED candidates the opportunity to immerse themselves in a grades 4-9 clinical experience while exploring the experiences of early adolescence.

**Prerequisite:** CULT 29535.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter-IP

**MCED 30001 TEACHING MATHEMATICS IN MIDDLE CHILDHOOD I 3 Credit Hours**

Examine issues and trends in mathematics and mathematics education. Theories of the teaching and learning of mathematics will be addressed within the context of problem solving, communications, reasoning and connections with other disciplines.

**Prerequisite:** EPSY 29525; and MATH 14001 and MATH 14002; and admission to advanced study.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**MCED 30002 INTEGRATED SOCIAL STUDIES AND SCIENCE IN MIDDLE CHILDHOOD 3 Credit Hours**

Introductory methods course integrating social studies and science. Emphasis on principles of teaching and learning as applied to teaching to social issues and problems appropriate for middle childhood students.

**Prerequisite:** Admission to advanced study.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**MCED 31000 TEACHING AND LEARNING IN MIDDLE CHILDHOOD 3 Credit Hours**

This course emphasizes theories of learning and teaching and their application to teaching in middle childhood classrooms with a diversity of learners. Major class topics include lesson planning, teaching strategies, assessment, classroom management, and effective classroom instructions. In a concurrent clinical field experience, teacher candidates will apply teaching methods in intermediate-middle school classrooms. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school before the first day of the semester in which student teaching internship will take place.

**Prerequisite:** Admission to advanced study; and middle childhood education major.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter-IP

**MCED 40001 TEACHING MATHEMATICS IN MIDDLE CHILDHOOD II 3 Credit Hours**

To develop knowledge of the theories, materials and methods used to teach mathematics in the contemporary classroom for grades 4-9 and develop skill in their use.

**Prerequisite:** MCED 30001; and admission to advanced study.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**MCED 40002 TEACHING SCIENCE IN THE MIDDLE CHILDHOOD II 3 Credit Hours**

This course is designed to provide pre-service teachers with meaningful and practical learning experiences that will prepare them to create effective science learning environments for grade 4-9 students. This course includes 40 field clinical hours. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school-agency before the first day of the semester in which clinical hours will take place.

**Prerequisite:** MCED 30002; and admission to advanced study.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**MCED 40003 TEACHING SOCIAL STUDIES IN MIDDLE CHILDHOOD II 3 Credit Hours**

Advanced methods course. Examines the purpose of citizenship education and understanding the role of history and the social sciences. Applying the principles of powerful teaching. Includes a major field experience at the student teaching site. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school/agency before the first day of the semester in which student teaching/ internship will take place.

**Prerequisite:** MCED 30002; and admission to advanced study.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**MCED 40005 EFFECTIVE USE OF PHONICS IN READING 3 Credit Hours**

The influence of theoretical perspectives on word identification instruction, an examination of the role of phonics in reading and writing strategies for effective phonics instruction and assessment.

**Prerequisite:** Admission to advanced study.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**MCED 40006 READING AND WRITING IN MIDDLE CHILDHOOD (WIC) 6 Credit Hours**

Understanding of literacy learning in the middle childhood (classrooms grades 4-9) with emphasis on the development of reading and writing processes, strategies for text learning, literacy in electronic environments, authentic assessment and teaching children who struggle as readers.

**Prerequisite:** Admission to advanced study.

**Schedule Type:** Lecture

**Contact Hours:** 6 lecture

**Grade Mode:** Standard Letter

**Attributes:** Writing Intensive Course

**MCED 40007 TEACHING READING WITH LITERATURE IN MIDDLE CHILDHOOD 3 Credit Hours**

The study of the teaching of reading with literature with middle childhood students within an integrated language arts approach in a comprehensive literature program.

**Prerequisite:** MCED 40006; and admission to advanced study.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**MCED 40045 TEACHING MATHEMATICS IN THE INTERMEDIATE YEARS, GRADES 4-5 3 Credit Hours**

To develop knowledge of the theories, materials and methods used to teach mathematics in the contemporary classroom for grades 4-5 and develop skill in their use.

**Prerequisite:** ECED 40147 with a minimum grade of C.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**MCED 41000 CURRICULUM AND ORGANIZATION IN MIDDLE CHILDHOOD 3 Credit Hours**

This course is designed to enhance knowledge, skills, and dispositions about curriculum history and organization of middle level schools (grades 4-9) that is developmentally responsive to early adolescents, and promotes student achievement and equity. Additionally, this course is also designed to extend knowledge, skills, techniques, and professional dispositions as related to middle school students' experiences, and differentiate curriculum and assessment for diverse learners. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school before the first day of the semester in which student teaching internship will take place.

**Prerequisite:** Admission to advanced study; and MCED 31000; and middle childhood education major.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter-IP

**MCED 41192 MIDDLE CHILDHOOD EDUCATION GENERALIST PRACTICAL EXPERIENCE (ELR) 1 Credit Hour**

(Repeatable for credit) Supervised work experiences that are integrated with academic instruction and related to student's occupational goal within Middle Childhood Education Science or Social Studies.

**Prerequisite:** Special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 3.33 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**Attributes:** Experiential Learning Requirement

**MCED 42392 STUDENT TEACHING IN MIDDLE CHILDHOOD (ELR) 9 Credit Hours**

(Slashed with MCED 52392) Full-time student teaching for sixteen weeks in two selected concentrations (mathematics, science, language arts, social studies) and reading in grades 4-5 or grades 6-7-8. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school-agency before the first day of the semester in which student teaching internship will take place.

**Prerequisite:** Admission to advanced study; and Official valid certification of Child Safety Training, approved Basic Life Support and ALICE Training must be presented to the campus office of clinical experience or designated faculty/staff at Regional campuses as prerequisite for student teaching; and MCED 41000 and MCED 40007.

**Corequisite:** MCED 49525.

**Schedule Type:** Practical Experience

**Contact Hours:** 27 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**Attributes:** Experiential Learning Requirement

**MCED 46645 CRITICAL INQUIRY AND INTEGRATION: SCIENCE AND SOCIAL STUDIES, GRADE 4 3 Credit Hours**

Introduces students to fourth grade content using an interdisciplinary, inquiry approach to teaching and learning in science and social studies.

**Prerequisite:** Special approval.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**MCED 47745 CRITICAL INQUIRY AND INTEGRATION: SCIENCE AND SOCIAL STUDIES, GRADE 5 3 Credit Hours**

Engages students in the use and development of pedagogical content knowledge for teaching grade 5 using an interdisciplinary, inquiry approach to teaching and learning in science and social studies.

**Prerequisite:** Special approval.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**MCED 49525 INQUIRY INTO PROFESSIONAL PRACTICE:MIDDLE CHILDHOOD 3 Credit Hours**

A seminar linked to student teaching with an emphasis on action research as professional development; completion of professional portfolios; professional ethics; and legal, medical and ethical issues in teaching.

**Prerequisite:** MCED 41000 and MCED 40007.

**Corequisite:** MCED 42392.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**MCED 50002 TEACHING SCIENCE IN MIDDLE CHILDHOOD II 3 Credit Hours**

(Slashed with MCED 40002) This course is designed to provide pre-service teachers with meaningful and practical learning experiences that will prepare them to create effective science learning environments for grade 4-9 students. This course includes 40 field clinical hours. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school-agency before the first day of the semester in which clinical hours will take place.

**Prerequisite:** MCED 30002; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**MCED 50003 TEACHING SOCIAL STUDIES IN MIDDLE CHILDHOOD II 3 Credit Hours**

Advanced methods course. Examines the purpose of citizenship education and understanding the role of history and the social sciences. Applying the principles of powerful teaching. Includes a major field experience at the student teaching site. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school/agency before the first day of the semester in which student teaching/internship will take place.

**Prerequisite:** MCED 30002; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**MCED 50005 EFFECTIVE USE OF PHONICS IN READING 3 Credit Hours**

The influence of theoretical perspectives on word identification instruction, an examination of the role of phonics in reading and writing, strategies for effective phonics instruction and assessment.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**MCED 50006 READING AND WRITING IN MIDDLE CHILDHOOD 6 Credit Hours**

Understanding of literacy learning in the middle childhood (classrooms grades 4-9) with emphasis on the development of reading and writing processes, strategies for text learning, literacy in electronic environments, authentic assessment and teaching children who struggle as readers.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 6 lecture

**Grade Mode:** Standard Letter

**MCED 50007 TEACHING READING WITH LITERATURE IN MIDDLE CHILDHOOD 3 Credit Hours**

The study of the teaching of reading with literature with middle childhood students within an integrated language arts approach in a comprehensive literature program.

**Prerequisite:** MCED 50006; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**MCED 50045 TEACHING MATHEMATICS IN THE INTERMEDIATE YEARS, GRADES 4-5 3 Credit Hours**

To develop knowledge of the theories, materials and methods used to teach mathematics in the contemporary classroom for grades 4-5 and develop skill in their use.

**Prerequisite:** ECED 40147 with a minimum C grade; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**MCED 52392 STUDENT TEACHING IN MIDDLE CHILDHOOD 9 Credit Hours**

Full-time student teaching for sixteen weeks on an interdisciplinary team in two selected concentrations (mathematics, language arts, social studies, science) and reading in grades 4-9. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school-agency before the first day of the semester in which student teaching internship will take place.

**Prerequisite:** Official valid certification of child safety training, approved basic life support and ALICE training must be presented to the campus office of clinical experience or designated faculty-staff at Regional campuses as prerequisite for student teaching; and graduate standing.

**Corequisite:** MCED 59525.

**Schedule Type:** Practical Experience

**Contact Hours:** 27 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP



**MCED 56645 CRITICAL INQUIRY AND INTEGRATION: SCIENCE AND SOCIAL STUDIES, GRADE 4 3 Credit Hours**

Introduces students to fourth grade content using an interdisciplinary, inquiry approach to teaching and learning in science and social studies.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**MCED 57745 CRITICAL INQUIRY AND INTEGRATION: SCIENCE AND SOCIAL STUDIES, GRADE 5 3 Credit Hours**

Engages students in the use and development of pedagogical content knowledge for teaching grade 5 using an interdisciplinary, inquiry approach to teaching and learning in science and social studies.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**MCED 59525 INQUIRY INTO PROFESSIONAL PRACTICE MIDDLE CHILDHOOD 3 Credit Hours**

A seminar linked to student teaching with an emphasis on action research as professional development, completion of professional portfolios, professional ethics and legal, medical and ethical issues in teaching.

**Prerequisite:** CI 67107 and MCED 50007 with a minimum C grade; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**MCED 60115 SCIENCE TECHNOLOGY ENGINEERING AND MATH FOUNDATIONS FOR EARLY AND MIDDLE CHILDHOOD EDUCATION 3 Credit Hours**

(Cross-listed with ECED 60115) This course introduces early and middle childhood educators to STEM (Science, Technology, Engineering, Mathematics) for students in K-6 classrooms. This includes a foundation and overview of the what, how, and why STEM is included in K-6 classrooms. As a foundation course, students will gain exposure to integrating the STEM disciplines, assessment of mathematics and science in STEM, and aspects of developmentally appropriate STEM for early and middle childhood settings.

**Prerequisite:** ECED 50404 and ECED 50304 and ECED 50303; and graduate standing.

**Pre/corequisite:** ECED 50203.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**Physical Activity, Wellness and Sport (PWS)****PWS 10020 DEVELOPMENT AND CONDITIONING 1 Credit Hour**

Introduction to the principles of physical training. Practical application of these principles through a variety of activities.

**Prerequisite:** None.

**Schedule Type:** Laboratory

**Contact Hours:** 2 lab

**Grade Mode:** Standard Letter

**PWS 10035 LIFETIME FITNESS 2 Credit Hours**

The role of exercise in enhancing physical fitness. Lectures on principles of planning scientifically sound exercise programs. Laboratory experiences in personal fitness evaluation and exercise routines.

**Prerequisite:** None.

**Schedule Type:** Laboratory, Lecture, Combined Lecture and Lab

**Contact Hours:** 1 lecture, 2 lab

**Grade Mode:** Standard Letter

**PWS 10036 FITNESS WALKING 1 Credit Hour**

Introduction to Fitness Walking as a lifetime physical activity through personal cardiovascular fitness.

**Prerequisite:** None.

**Schedule Type:** Laboratory

**Contact Hours:** 2 lab

**Grade Mode:** Standard Letter

**PWS 10095 SELECTED TOPICS: PHYSICAL EDUCATION ACTIVITIES 1-2 Credit Hours**

(Repeatable for credit) Selected and varied topics of relevance in physical education basic instruction.

**Prerequisite:** None.

**Schedule Type:** Laboratory

**Contact Hours:** 2-4 lab

**Grade Mode:** Standard Letter

**PWS 10101 SCUBA DIVING 1 Credit Hour**

Designed to make students a comfortable and qualified diver, capable of conducting recreational dives to shallow depths and deep water diving. Could lead to certification as a PADI open water diver.

**Prerequisite:** None.

**Schedule Type:** Laboratory

**Contact Hours:** 2 lab

**Grade Mode:** Standard Letter

**PWS 10125 BASKETBALL 1 Credit Hour**

The course is designed to give students a basic understanding of how to play the game of basketball through active participation. Students are expected to learn and be able to demonstrate the skills and strategies of the game through various practice and competitive activities. Material is presented through class instruction and handouts.

**Prerequisite:** None.

**Schedule Type:** Laboratory

**Contact Hours:** 2 lab

**Grade Mode:** Standard Letter

**PWS 10204 BADMINTON 1 Credit Hour**

Instruction in the skills and techniques of the game of Badminton

**Prerequisite:** None.

**Schedule Type:** Laboratory

**Contact Hours:** 2 lab

**Grade Mode:** Standard Letter

**PWS 10304 BOWLING 1 Credit Hour**

**Prerequisite:** None.

**Schedule Type:** Laboratory

**Contact Hours:** 2 lab

**Grade Mode:** Standard Letter

**PWS 10305 BILLIARDS 1 Credit Hour**

Skills, technique, strategy, game knowledge as introduction to billiards (pool), a 'cue' sport; rules and gaming for variations of pocket billiards; practice and class tournament play.

**Prerequisite:** None.

**Schedule Type:** Laboratory

**Contact Hours:** 2 lab

**Grade Mode:** Standard Letter

**PWS 10306 JOGGING 1 Credit Hour**

This course is designed to enhance cardiovascular fitness through jogging and or running. The course will focus on a mixture of training techniques including light jogging and interval type workouts. This course will also include supplemental exercises such as core strengthening and stretching. Students will perform basic calculations to determine target heart rate zones. Students will establish fitness goals and select appropriate activities to attain these goals. Pre and Post assessments will allow students to monitor progress towards their fitness goals.

**Prerequisite:** None.

**Schedule Type:** Laboratory

**Contact Hours:** 2 lab

**Grade Mode:** Standard Letter

**PWS 10325 SOCCER 1 Credit Hour**

(Repeatable for credit)

**Prerequisite:** None.

**Schedule Type:** Laboratory

**Contact Hours:** 2 lab

**Grade Mode:** Standard Letter

**PWS 10403 BEGINNING BALLROOM DANCE 1 Credit Hour**

This course is designed for the beginning social dance to learn how to partner dance in a recreational setting. Dances include: Foxtrot, Rhumba, Meringue, Swing, Cha Cha.

**Prerequisite:** None.

**Schedule Type:** Laboratory

**Contact Hours:** 2 lab

**Grade Mode:** Standard Letter

**PWS 10413 LATIN SOCIAL DANCE 1 Credit Hour**

Presentation of the DVIDA bronze syllabus for Latin dances. Introduction of Latin rhythm dances, which will include the Merengue, Salsa, Rumba, Cha Cha and Samba. Includes proper technique, rhythm of the dance and approximately 10-15 figures for each dance.

**Prerequisite:** None.

**Schedule Type:** Laboratory

**Contact Hours:** 2 lab

**Grade Mode:** Standard Letter

**PWS 10504 SAND VOLLEYBALL 1 Credit Hour**

Basic instruction in Volleyball skills and Sand Volleyball game strategies.

**Prerequisite:** None.

**Schedule Type:** Laboratory

**Contact Hours:** 2 lab

**Grade Mode:** Standard Letter

**PWS 10505 VOLLEYBALL 1 Credit Hour**

Introduction to the sport of Volleyball through instruction in individual and team skills, team building and game play.

**Prerequisite:** None.

**Schedule Type:** Laboratory

**Contact Hours:** 2 lab

**Grade Mode:** Standard Letter

**PWS 10604 BEGINNING GOLF 1 Credit Hour**

The student will have the opportunity to develop basic golf skills through lectures, demonstration, drills and game play. The student will also gain knowledge of golf etiquette and other areas as related to the game of golf.

**Prerequisite:** None.

**Schedule Type:** Laboratory

**Contact Hours:** 2 lab

**Grade Mode:** Standard Letter

**PWS 10704 INTERMEDIATE GOLF 1 Credit Hour**

Learn mechanics and techniques of the full golf swing, pitching, chipping, bunker play and putting. Learn to play better by playing rounds of golf. Learn the basic rules of golf and proper golf etiquette.

**Prerequisite:** PWS 10604.

**Schedule Type:** Laboratory

**Contact Hours:** 2 lab

**Grade Mode:** Standard Letter

**PWS 10904 TENNIS 1 Credit Hour**

You will be exposed to and utilize basic tennis skills, terms, and principles, with an emphasis on skill development and integration of playing tactics and strategies during match play.

**Prerequisite:** None.

**Schedule Type:** Laboratory

**Contact Hours:** 2 lab

**Grade Mode:** Standard Letter

**PWS 10906 RACQUETBALL 1 Credit Hour**

Instruction in the skills, techniques and strategies of the game of Racquetball.

**Prerequisite:** None.

**Schedule Type:** Laboratory

**Contact Hours:** 2 lab

**Grade Mode:** Standard Letter

**PWS 11126 FLAG FOOTBALL I 1 Credit Hour**

This course is designed to give the students an opportunity to review and practice the basic fundamental skills relative to the game of flag football. Students are expected to be able to demonstrate the skills and strategies of the game through various practice and competitive activities.

**Prerequisite:** None.

**Schedule Type:** Laboratory

**Contact Hours:** 2 lab

**Grade Mode:** Standard Letter

**PWS 11325 ADVANCED ICE HOCKEY 1 Credit Hour**

To build on the basic hockey fundamentals, leading to advanced team play and game situations providing deeper insight into the game of hockey.

**Prerequisite:** None.

**Schedule Type:** Laboratory

**Contact Hours:** 2 lab

**Grade Mode:** Standard Letter

**PWS 11327 KETTLEBELLS 1 Credit Hour**

A vigorous introductory physical conditioning course primarily utilizing kettlebells. Exercises designed to enhance strength, power, endurance, and agility will be emphasized. Introductory approach to kettlebell techniques and kettlebell program development.

**Prerequisite:** None.

**Schedule Type:** Laboratory

**Contact Hours:** 2 lab

**Grade Mode:** Standard Letter

**PWS 11425 VARSITY SPORTS 1 Credit Hour**

(Repeatable for credit) Designed to focus on advanced varsity sport skill development, to promote techniques and strategies to perform at a high level of competition, and to foster ethical values, sportsmanship and responsible citizenship through practices and game competitions. Designed for the student athlete who meets NCAA eligibility requirements.

**Prerequisite:** Special approval.

**Schedule Type:** Laboratory

**Contact Hours:** 2 lab

**Grade Mode:** Satisfactory/Unsatisfactory

**PWS 11426 VARSITY SPORT TRAINING AND CONDITIONING 1 Credit Hour**

(Repeatable for credit) Designed for sport specific training both in and out of season to produce highly skilled student-athletes through structured programs for immediate performance enhancement and injury prevention and to endure practice and competition. Designed for the student athlete who meets NCAA eligibility requirements.

**Prerequisite:** Special approval.

**Schedule Type:** Laboratory

**Contact Hours:** 2 lab

**Grade Mode:** Satisfactory/Unsatisfactory

**PWS 11435 SPORTS CONDITIONING 1 Credit Hour**

This course will cover methods and techniques that are used to safely and effectively enhance an individual's athletic performance by increasing speed, strength, endurance, agility and flexibility. This course will cover a variety of training principles, training methods, basic components of fitness and the physiological factors and benefits of exercise to promote a healthy lifestyle. This course is part theory and part practical application.

**Prerequisite:** None.

**Schedule Type:** Laboratory

**Contact Hours:** 2 lab

**Grade Mode:** Standard Letter

**PWS 11604 BEGINNING KARATE 1 Credit Hour**

A karate course designed for students with little or no martial arts or karate experience. This course will involve the training in the philosophy, principles, and techniques of Karate for self-defense, improvement of overall fitness and to give a greater understanding of the art and themselves.

**Prerequisite:** None.

**Schedule Type:** Laboratory

**Contact Hours:** 2 lab

**Grade Mode:** Standard Letter

**PWS 11605 INTERMEDIATE KARATE 1 Credit Hour**

Continuation of the perfection of basic karate techniques with the main emphasis on kumite (fighting).

**Prerequisite:** PWS 11604.

**Schedule Type:** Laboratory

**Contact Hours:** 2 lab

**Grade Mode:** Standard Letter

**PWS 11633 JU JITSU 1 Credit Hour**

Presentation of Ju-Jitsu and Judo techniques for use in self-defense. Includes falling, throwing, grappling, bars, locks, strikes, kicks and defends against various weapons.

**Prerequisite:** None.

**Schedule Type:** Laboratory

**Contact Hours:** 2 lab

**Grade Mode:** Standard Letter

**PWS 11634 SELF-DEFENSE 1 Credit Hour**

A self-defense course designed for students with little or no martial arts or self-defense background. Physical, verbal, and mental defensive techniques, tactics, and strategies are taught to prepare students for any potentially dangerous situation they may encounter. The course will also improve the student's physical and mental fitness.

**Prerequisite:** None.

**Schedule Type:** Laboratory

**Contact Hours:** 2 lab

**Grade Mode:** Standard Letter

**PWS 11663 BEGINNING YOGA 1 Credit Hour**

Overview course in yoga, an integrated study of health. Involves the investigation and practice of breathing techniques (pranayama), hatha yoga postures (asana), meditation and relaxation. Also unifies the mind, body and spirit.

**Prerequisite:** None.

**Schedule Type:** Laboratory

**Contact Hours:** 2 lab

**Grade Mode:** Standard Letter

**PWS 11664 PILATES 1 Credit Hour**

Pilates is a form of fitness endeavors which unite the rhythmic performances and strength with the conditioning principles of the movement sciences.

**Prerequisite:** None.

**Schedule Type:** Laboratory

**Contact Hours:** 2 lab

**Grade Mode:** Standard Letter

**PWS 11665 ZUMBA 1 Credit Hour**

Zumba® is a fitness program that fuses hypnotic Latin rhythms and easy-to-follow moves and mixes body sculpting movements with dance steps.

**Prerequisite:** None.

**Schedule Type:** Laboratory

**Contact Hours:** 2 lab

**Grade Mode:** Standard Letter

**PWS 11666 BEGINNING SPINNING 1 Credit Hour**

The Spinning program is based on two major components: health and fitness. Each of these parts is also related to the concept of mind (the health component) and body (the fitness component), and the overall program design is intended as more than a fitness regimen. It encourages Spinning participants to shift and broaden their perspectives by exposing them to new ideas and a variety of training styles and Energy Zones.

**Prerequisite:** None.

**Schedule Type:** Laboratory

**Contact Hours:** 2 lab

**Grade Mode:** Standard Letter

**PWS 11667 BOOT CAMP I 1 Credit Hour**

This course is designed to acquaint students with an exercise program using calisthenics, resistance training, running, and agility drills. The course will focus on increasing physical fitness, including cardiovascular efficiency, muscular strength, and flexibility. Students will also learn the fundamental principles of physical fitness and their effect on lifelong health and fitness.

**Prerequisite:** None.

**Schedule Type:** Laboratory

**Contact Hours:** 2 lab

**Grade Mode:** Standard Letter

**PWS 11673 INTERMEDIATE YOGA 1 Credit Hour**

Expansion of Yoga skills, building on knowledge base from Beginning Yoga. Students will explore movement components of anatomy, as related to yoga asanas and understand relationship of asanas to anatomy, creating movement and space.

**Prerequisite:** PWS 11663.

**Schedule Type:** Laboratory

**Contact Hours:** 2 lab

**Grade Mode:** Standard Letter

**PWS 11674 INTERMEDIATE PILATES 1 Credit Hour**

Intermediate Pilates reviews the fundamentals of the beginner class while moving on to the more challenging exercises and repertoire. Students will review and practice correct technique and form for strength, breathing, fluidity, and endurance for mat Pilates. This class is designed for experienced Pilates students.

**Prerequisite:** PWS 11664.

**Schedule Type:** Laboratory

**Contact Hours:** 2 lab

**Grade Mode:** Standard Letter

**PWS 11675 ZUMBA TONING 1 Credit Hour**

Zumba® is a fitness program that fuses hypnotic Latin and International rhythms with easy-to-follow moves and body sculpting movements to create a dynamic workout. The Zumba Toning® program uses hand held weights to enhance rhythm and tone the muscles, specifically arms, thighs, and abdomen. Zumba Toning is an ideal way to sculpt the body.

**Prerequisite:** None.

**Schedule Type:** Laboratory

**Contact Hours:** 2 lab

**Grade Mode:** Standard Letter

**PWS 11684 BALL PILATES 1 Credit Hour**

Ball Pilates, "Pilates on an Exercise Ball" is very similar to other Pilates classes in that it incorporates many mat and equipment-based exercises. Adding the ball increases your mind-body awareness, core strength, balance and flexibility as you perform the work on an unstable base of support.

**Prerequisite:** None.

**Schedule Type:** Laboratory

**Contact Hours:** 2 lab

**Grade Mode:** Standard Letter

**PWS 11904 BEGINNING ICE SKATING 1 Credit Hour**

This course will give the beginner an introduction to the basic skills of ice skating with a focus on safe technique and the development of the basic skills of ice skating. Students will learn the fundamentals of balance, movement and safety on the ice.

**Prerequisite:** None.

**Schedule Type:** Laboratory

**Contact Hours:** 2 lab

**Grade Mode:** Standard Letter

**PWS 12004 BASIC FIGURE SKATING 1 Credit Hour**

This course will give the intermediate skater an introduction to the disciplines of figure skating and basic figure skating terminology. Students will learn figure skating fundamentals and how to use previously developed skills to achieve proficiency in more difficult skills.

**Prerequisite:** PWS 11904.

**Schedule Type:** Laboratory

**Contact Hours:** 2 lab

**Grade Mode:** Standard Letter

**PWS 12204 BEGINNING BROOMBALL 1 Credit Hour**

Broomball is a recreational ice game played in an ice rink. Skills, tactics and plays are similar to those used in ice hockey.

**Prerequisite:** None.

**Schedule Type:** Laboratory

**Contact Hours:** 2 lab

**Grade Mode:** Standard Letter

**PWS 12324 WEIGHT TRAINING 1 Credit Hour**

This course is designed to teach students the correct technique in lifting with machines, free weights and body weight in a safe and effective manner. Students learn scientific methods (macrocycle, mesocycle and microcycle) on how to correctly design a resistance training workout based around desired goals of strength, endurance, hypertrophy, power and speed. Students will be tested on the application of their knowledge by having to design an 8 week training planning with specific training principles used.

**Prerequisite:** None.

**Schedule Type:** Laboratory

**Contact Hours:** 2 lab

**Grade Mode:** Standard Letter

**PWS 12325 WOMEN'S WEIGHT TRAINING 1 Credit Hour**

A basic course in the use of equipment in an average weight room and its application towards the development of strength and power.

**Prerequisite:** None.

**Schedule Type:** Laboratory

**Contact Hours:** 2 lab

**Grade Mode:** Standard Letter

**PWS 12424 EXERCISE AND WEIGHT CONTROL 1 Credit Hour**

The course aims to educate the student on differing types of exercise styles currently available to assist in living a healthy lifestyle. The student will also learn ideal dietary requirements required to compliment the variety of exercise components. This course will teach how to combine this information to create a nutritional and training plan to meet current goals for this course. Students will pre-test and post-test physical fitness components in order to successfully assess how a change in a nutrition and exercise can contribute to living a healthy lifestyle.

**Prerequisite:** None.

**Schedule Type:** Laboratory

**Contact Hours:** 2 lab

**Grade Mode:** Standard Letter

**PWS 12425 NAUTILUS EXERCISES 1 Credit Hour**

This course will cover the proper use and weight training equipment. This course will also cover the instruction of proper weight training techniques for a safe and effective weight training program. Functional training and isolation training will be discussed and practiced, so that the student will benefit from both types of strength training exercises. The course is part theory and part practical application.

**Prerequisite:** None.

**Schedule Type:** Laboratory

**Contact Hours:** 2 lab

**Grade Mode:** Standard Letter

**PWS 13003 DANCE EXERCISE 1 Credit Hour**

Dance Exercise is a form of fitness, which unites the rhythmic performance, and energy of dance with the conditioning principles of the movement sciences. In addition to the physical exercise, students will also learn about the basic methodology behind an exercise class, a general history of dance exercise, and its relevance in the fitness industry today. Students should leave the course with knowledge of basic exercise and nutrition principles that can be applied in their personal exercise programs.

**Prerequisite:** None.

**Schedule Type:** Laboratory

**Contact Hours:** 2 lab

**Grade Mode:** Standard Letter

**PWS 13008 INTERMEDIATE VOLLEYBALL 1 Credit Hour**

Introduction of advanced playing systems and strategies in volleyball while emphasizing individual skill performance.

**Prerequisite:** PWS 10505.

**Schedule Type:** Laboratory

**Contact Hours:** 2 lab

**Grade Mode:** Standard Letter

**PWS 13010 JUDO-JUJITSU 1 Credit Hour**

Presentation of Jujitsu-Judo techniques for use in self-defense. This will include falling skills, throwing, grappling, come-along, as well as strikes and kicks and defenses against various weapons.

**Prerequisite:** None.

**Schedule Type:** Laboratory

**Contact Hours:** 2 lab

**Grade Mode:** Standard Letter

**PWS 13012 BACKPACKING 2 Credit Hours**

Trip planning and leadership, equipment and clothing selection, safety considerations, search and rescue, environmental ethics, map and compass, weekend backpacking trip. Student must supply equipment.

**Prerequisite:** Special approval.

**Schedule Type:** Lecture

**Contact Hours:** 4 lecture

**Grade Mode:** Standard Letter

**PWS 13016 CYCLING 1 Credit Hour**

**Prerequisite:** None.

**Schedule Type:** Laboratory

**Contact Hours:** 2 lab

**Grade Mode:** Standard Letter

**PWS 13022 CAMPING 2 Credit Hours**

Basic camping skills including: toolcraft, ropecraft, fire building, cooking, campsite management, equipment selection, safety considerations, environmental ethics, and map and compass for use on weekend trip.

Students must supply own clothing and shelter.

**Prerequisite:** Special approval.

**Schedule Type:** Laboratory

**Contact Hours:** 4 lecture

**Grade Mode:** Standard Letter

**PWS 13028 INTRODUCTION TO KAYAKING 1 Credit Hour**

Basic paddling skills learned in a pool environment and then experienced in open lakes and whitewater situations.

**Prerequisite:** None.

**Schedule Type:** Laboratory

**Contact Hours:** 2 lab

**Grade Mode:** Standard Letter

**PWS 13030 BEGINNING ROCK CLIMBING 1 Credit Hour**

Basic instruction in safe rope handling, knots, conditioning, climbing technique, belaying, anchor systems and rappelling.

**Prerequisite:** None.

**Schedule Type:** Laboratory

**Contact Hours:** 2 lab

**Grade Mode:** Standard Letter

**PWS 13036 INDOOR CYCLING 1 Credit Hour**

Covers the knowledge and skills that are needed for understanding and participating in an indoor cycling program. Also covers the components of fitness and the physiological factors and benefits of exercise to promote a healthy lifestyle.

**Prerequisite:** None.

**Schedule Type:** Laboratory

**Contact Hours:** 2 lab

**Grade Mode:** Standard Letter

**PWS 13040 CARDIO KICKBOXING 1 Credit Hour**

Covers the knowledge and skills that are needed to understand and participate in Cardio Kickboxing. Also covers the components of fitness and the physiological factors and benefits of exercise to promote a healthy lifestyle. This course is part theory and part practical application.

**Prerequisite:** None.

**Schedule Type:** Laboratory

**Contact Hours:** 2 lab

**Grade Mode:** Standard Letter

**PWS 13041 HARDCORE ABS 1 Credit Hour**

Examines methods and techniques that improve abdominal and back strength, mechanics and the ability to dynamically stabilize. The student masters total body movement that occur through all three planes of motion. The exercises are performed on a stable and unstable surface for greater balance challenge. Equipment is used to increase resistance to intensify the work load. Improves core strength and activities of daily living.

**Prerequisite:** None.

**Schedule Type:** Laboratory

**Contact Hours:** 2 lab

**Grade Mode:** Standard Letter

**PWS 13093 VARIABLE TITLE WORKSHOP IN EXERCISE, LEISURE AND SPORT 1-2 Credit Hours**

(Repeatable for credit) Workshop in exercise, leisure and sport activities topics vary.

**Prerequisite:** None.

**Schedule Type:** Workshop

**Contact Hours:** 1-3 other

**Grade Mode:** Satisfactory/Unsatisfactory

**Physical Education and Sport Performance (PESP)****PESP 15010 INTRODUCTION TO PHYSICAL EDUCATION, FITNESS AND SPORT 3 Credit Hours**

Development of a knowledge base on the roles, foundations, contextual and social issues, and career opportunities as they relate to physical education, physical activity and sport. Experimentation with various fitness tests and assessments that lead to the development of personal fitness plans.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**PESP 15011 DEVELOPMENT AND ANALYSIS OF INVASION GAMES 3 Credit Hours**

Development, analysis and assessment of game performance skills used in invasion games.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**PESP 15015 DEVELOPMENT AND ANALYSIS OF NET GAMES 3 Credit Hours**

Development and analysis of game performance skills in net games. Emphasis on problem solving strategies and skill execution related to game performance and on effective pedagogy.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**PESP 15016 DEVELOPMENT AND ANALYSIS OF TARGET AND FIELD GAMES 3 Credit Hours**

Development and analysis of game performance skills used in target games and field-run-score games.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**PESP 15018 DEVELOPMENT OF SWIMMING AND AQUATIC SKILLS 1 Credit Hour**

Development and analysis of basic aquatic skills, swimming strokes, starts and turns, diving skills, physical fitness principles, aquatic safety and basic rescue techniques.

**Prerequisite:** None.

**Schedule Type:** Laboratory

**Contact Hours:** 2 lab

**Grade Mode:** Standard Letter

**PESP 15020 FUNDAMENTAL MOVEMENT, GYMNASTICS AND DANCE 3 Credit Hours**

Designed to provide teachers and activity leaders with knowledge, skills, and dispositions necessary to teach developmentally appropriate progressions for fundamental movement skills, dance and gymnastics.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**PESP 25025 TEACHING IN PHYSICAL EDUCATION 3 Credit Hours**

This course aims to introduce students to teaching and management strategies linked to student learning, the design of instructional materials and techniques, and strategies for working with diverse learners in various contexts. This course will study, discuss, and apply effective teaching skills. Thirty field hours at each elementary and secondary level requires a BCII and FBI background check report.

**Prerequisite:** PESP 15010.

**Schedule Type:** Lecture, Practical Experience

**Contact Hours:** 2 lecture, 3 other

**Grade Mode:** Standard Letter

**PESP 25026 OVERVIEW OF OUTDOOR PURSUITS AND ADVENTURE EDUCATION 3 Credit Hours**

An overview of outdoor pursuits and adventure education is provided for students preparing to serve students/clients in physically active, outdoor and adventure contexts. Includes a required service learning component, which involves the design and delivery of quality outdoor education programs and/or curricula to children within the local community.

**Prerequisite:** School Health Education majors with Health and Physical Education Licensure concentration and Physical Education and Sport Performance majors.

**Schedule Type:** Laboratory, Lecture, Combined Lecture and Lab

**Contact Hours:** 1 lecture, 4 lab

**Grade Mode:** Standard Letter

**PESP 25033 LIFESPAN MOTOR DEVELOPMENT 3 Credit Hours**

Introduction to motor development across the life span. Special emphasis on description of motor development changes and factors influencing change.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**PESP 25056 ASSESSMENT OF LEARNING IN PHYSICAL EDUCATION AND SPORT 3 Credit Hours**

This course is designed to provide students with an understanding of the principles and applications of assessment methods in the fields of physical education and sport. Emphasis is placed on the selection, construction, administration, analysis and interpretation of appropriate assessments in a variety of settings, with particular emphasis on using assessments to evaluate learner progress relative to established standards in PE and sport. Throughout the course appropriate technological applications are used to facilitate data collection, management and analysis.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**PESP 35010 PSYCHOLOGICAL DIMENSIONS OF MOTOR BEHAVIOR (WIC) 3 Credit Hours**

Psychological factors in exercise, physical activity and sport emphasizing motor control learning and performance. Laboratory included.

**Prerequisite:** EXSC 35068 or PESP 25056; and junior standing.

**Schedule Type:** Laboratory, Lecture, Combined Lecture and Lab

**Contact Hours:** 2 lecture, 2 lab

**Grade Mode:** Standard Letter

**Attributes:** Writing Intensive Course

**PESP 35020 FITNESS EDUCATION 3 Credit Hours**

This course is designed to prepare teachers, coaches, and physical activity specialists for an interdisciplinary approach to fitness education. Specific emphasis will be placed on enhancing students' content knowledge of fitness and physical activity within a classroom setting as well as applying pedagogical principles of class management, instructional strategies, feedback and assessment in practical settings to enhance students' ability to teach and coach fitness content within a variety of physical education, sport and physical activity contexts.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**PESP 35040 COACHING FOOTBALL 2 Credit Hours**

Techniques of coaching football, including film analysis and offensive and defensive skills and systems.

**Prerequisite:** Not open to freshmen.

**Schedule Type:** Laboratory, Lecture, Combined Lecture and Lab

**Contact Hours:** 1 lecture, 2 lab

**Grade Mode:** Standard Letter

**PESP 35041 COACHING SOCCER 2 Credit Hours**

Coaching soccer, including analysis of skills strategy and administrative responsibilities.

**Prerequisite:** Not open to freshmen.

**Schedule Type:** Laboratory, Lecture, Combined Lecture and Lab

**Contact Hours:** 1 lecture, 2 lab

**Grade Mode:** Standard Letter

**PESP 35042 COACHING VOLLEYBALL 2 Credit Hours**

Coaching volleyball, including analysis of skills, offensive and defensive strategy and administrative responsibilities.

**Prerequisite:** Not open to freshmen.

**Schedule Type:** Laboratory, Lecture, Combined Lecture and Lab

**Contact Hours:** 1 lecture, 2 lab

**Grade Mode:** Standard Letter

**PESP 35044 COACHING BASKETBALL 2 Credit Hours**

Philosophy, fundamentals, strategy, administrative responsibilities and conditioning.

**Prerequisite:** Not open to freshmen.

**Schedule Type:** Laboratory, Lecture, Combined Lecture and Lab

**Contact Hours:** 1 lecture, 2 lab

**Grade Mode:** Standard Letter

**PESP 35048 COACHING BASEBALL AND SOFTBALL 2 Credit Hours**

Coaching techniques in softball and baseball, including analysis of basic skills, position play and offensive and defensive strategies.

**Prerequisite:** Not open to freshmen.

**Schedule Type:** Laboratory, Lecture, Combined Lecture and Lab

**Contact Hours:** 1 lecture, 2 lab

**Grade Mode:** Standard Letter

**PESP 35049 COACHING TRACK AND FIELD 2 Credit Hours**

Coaching techniques relative to track and field events. Principles of organization for track and field meets.

**Prerequisite:** Not open to freshmen.

**Schedule Type:** Laboratory, Lecture, Combined Lecture and Lab

**Contact Hours:** 1 lecture, 2 lab

**Grade Mode:** Standard Letter

**PESP 35084 MOTOR SKILL ANALYSIS 3 Credit Hours**

Designed to assist teachers, coaches, and physical activity specialists in the analysis of motor skills. Students study the applications of performance and biomechanical principles to enhance skill and tactical performance in physical activity settings.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**PESP 45015 PSYCHOLOGY OF COACHING 3 Credit Hours**

(Slashed with CI 55015) Psychological factors affecting athletic performance, with particular attention to practice factors, personality, motivation and problem athletes.

**Prerequisite:** Junior standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**PESP 45020 CONTEMPORARY ATHLETIC COACHING 3 Credit Hours**

(Slashed with CI 55020) A focus on the philosophy, skills strategies and tactics of coaching within contemporary society.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**PESP 45037 ADAPTED PHYSICAL EDUCATION 3 Credit Hours**

This course aims to promote an academic and practical approach to teaching physical education for students with disabilities. A minimum of 30 field hours is required for this course.

**Prerequisite:** Junior standing.

**Schedule Type:** Lecture, Practical Experience

**Contact Hours:** 2 lecture, 3 other

**Grade Mode:** Standard Letter

**PESP 45051 ELEMENTARY SCHOOL PHYSICAL EDUCATION METHODS 3 Credit Hours**

(Slashed with CI 55051) Approaches to teaching in elementary school physical education. Focus on establishing an environment for learning, planning standards-based lessons, instructional effectiveness, and assessment of student learning. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school/agency before the first day of field experience (30 hours).

**Prerequisite:** PESP 15010 and PESP 15011 and PESP 15015 and PESP 15016 and PESP 15020 and PESP 25025 and PESP 25033; and admission to advanced study.

**Corequisite:** PESP 45053.

**Schedule Type:** Lecture, Practical Experience

**Contact Hours:** 2 lecture, 3 other

**Grade Mode:** Standard Letter

**PESP 45053 ELEMENTARY SCHOOL PHYSICAL EDUCATION CONTENT 3 Credit Hours**

(Slashed with CI 55053) Physical education content for the elementary school child with emphasis on developmentally appropriate learning in three domains. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school/agency before the first day of field experience (30 hours)

**Prerequisite:** PESP 15010 and PESP 15011 and PESP 15015 and PESP 15016 and PESP 15020 and PESP 25025 and PESP 25033; and admission to advanced study.

**Corequisite:** PESP 45051.

**Schedule Type:** Lecture, Practical Experience

**Contact Hours:** 2 lecture, 3 other

**Grade Mode:** Standard Letter

**PESP 45058 SECONDARY SCHOOL PHYSICAL EDUCATION METHODS  
3 Credit Hours**

(Slashed with CI 55058) Approaches to teaching in secondary school physical education. Focus on management of the learning environment, planning for learning outcomes in three domains, instructional effectiveness, and sequential curriculum development. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school/agency before the first day of field experience (30 hours).

**Prerequisite:** PESP 15010 and PESP 15011 and PESP 15015 and PESP 15016 and PESP 15020 and PESP 25025 and PESP 25033; and admission to advanced study.

**Corequisite:** PESP 45059.

**Schedule Type:** Lecture, Practical Experience

**Contact Hours:** 2 lecture, 3 other

**Grade Mode:** Standard Letter

**PESP 45059 SECONDARY SCHOOL PHYSICAL EDUCATION CONTENT  
3 Credit Hours**

(Slashed with CI 55059) Introduction and development of content, standards-based curriculum models, management, and organizational skills related to sports and activities utilized in secondary school physical education. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school/agency before the first day of field experience (30 hours).

**Prerequisite:** PESP 15010 and PESP 15011 and PESP 15015 and PESP 15016 and PESP 15020 and PESP 25025 and PESP 25033; and admission to advanced study.

**Corequisite:** PESP 45058.

**Schedule Type:** Lecture, Practical Experience

**Contact Hours:** 2 lecture, 3 other

**Grade Mode:** Standard Letter

**PESP 45092 INTERNSHIP IN PHYSICAL EDUCATION (ELR) 2-4  
Credit Hours**

(Repeatable for a maximum of 8 credit hours) Supervised full-time experience providing knowledge of overall operations for an agency or sports program in an approved setting. Forty-five (45) work hours per credit hour.

**Prerequisite:** Senior standing; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 6-12 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**Attributes:** Experiential Learning Requirement

**PESP 45096 INDIVIDUAL INVESTIGATION IN PHYSICAL EDUCATION  
1-3 Credit Hours**

(Repeatable for a maximum of 6 credit hours) Independent study completed under the supervision of a faculty member. Written approval of supervising faculty member and school director required prior to registration.

**Prerequisite:** Junior standing; and special approval.

**Schedule Type:** Individual Investigation

**Contact Hours:** 3-6 other

**Grade Mode:** Standard Letter-IP

**PESP 45692 INTERNSHIP IN ATHLETIC COACHING (ELR) 2-4 Credit  
Hours**

(Repeatable for a maximum of 4 credit hours) Supervised experience in organized sport focused upon the duties of a coach; can involve one or more level (youth, school, college, professional) and sport. 45 contact hours per credit.

**Prerequisite:** PESP 45020; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 6-12 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**Attributes:** Experiential Learning Requirement

**PESP 49525 INQUIRY INTO PROFESSIONAL PRACTICE IN PHYSICAL  
EDUCATION 3 Credit Hours**

(Slashed with PESP 59525) Seminar focused on development of those skills and knowledge which enable future teachers to engage in effective reflective, collaborative and ethical professional practice.

**Prerequisite:** School Health Education or Physical Education and Sport Performance majors; and admission to advanced study.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**PESP 49592 STUDENT TEACHING IN PHYSICAL EDUCATION (ELR)  
12 Credit Hours**

This experience provides for a full semester of student teaching in a school setting that is taken with PESP 49525 Inquiry into Professional Practice in Physical Education. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school/agency before the first day of the semester in which student teaching/ internship will take place; Official valid certification of Child Safety Training, approved Basic Life Support and A.L.I.C.E. Training must be presented to the campus office of clinical experience or designated faculty/staff at Regional campuses as prerequisite for student teaching.

**Prerequisite:** School Health Education or Physical Education and Sport Performance majors; and admission to advanced study.

**Schedule Type:** Practical Experience

**Contact Hours:** 45 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**Attributes:** Experiential Learning Requirement

**PESP 55051 ELEMENTARY SCHOOL PHYSICAL EDUCATION METHODS  
3 Credit Hours**

(Slashed with PESP 45051) Approaches to teaching in elementary school physical education. Focus on establishing an environment for learning, planning standards-based lessons, instructional effectiveness, and assessment of student learning. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school/agency before the first day of field experience (30 hours).

**Prerequisite:** Physical Education concentration in the Secondary Education major; and graduate standing; and special approval.

**Corequisite:** PESP 55053.

**Schedule Type:** Lecture, Practical Experience

**Contact Hours:** 2 lecture, 3 other

**Grade Mode:** Standard Letter



**PESP 55053 ELEMENTARY SCHOOL PHYSICAL EDUCATION CONTENT**  
**3 Credit Hours**

(Slashed with PESP 45053) Physical education content for the elementary school child with emphasis on developmentally appropriate learning in three domains. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school/agency before the first day of field experience (30 hours).

**Prerequisite:** Graduate standing; and special approval.

**Corequisite:** PESP 55051.

**Schedule Type:** Lecture, Practical Experience

**Contact Hours:** 2 lecture, 3 other

**Grade Mode:** Standard Letter

**PESP 55058 SECONDARY SCHOOL PHYSICAL EDUCATION METHODS**  
**3 Credit Hours**

(Slashed with PESP 45058) Approaches to teaching in secondary physical education. Focus on management of the learning environment, planning for learning outcomes in three domains, instructional effectiveness, and sequential curriculum development. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school/agency before the first day of field experience (30 hours).

**Prerequisite:** Graduate standing; and special approval.

**Corequisite:** PESP 55059.

**Schedule Type:** Lecture, Practical Experience

**Contact Hours:** 2 lecture, 3 other

**Grade Mode:** Standard Letter

**PESP 55059 SECONDARY SCHOOL PHYSICAL EDUCATION CONTENT**  
**3 Credit Hours**

(Slashed with PESP 45059) Introduction and development of content, standards-based curriculum models, management and organizational skills related to sports and activities utilized in secondary school physical education. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school/agency before the first day of field experience (30 hours).

**Prerequisite:** Graduate standing; and special approval.

**Corequisite:** PESP 55058.

**Schedule Type:** Lecture, Practical Experience

**Contact Hours:** 2 lecture, 3 other

**Grade Mode:** Standard Letter

**PESP 59525 INQUIRY INTO PROFESSIONAL PRACTICE IN PHYSICAL EDUCATION**  
**3 Credit Hours**

(Slashed with PESP 49525) Seminar focused on developing those skills and knowledge that enable future teachers to engage in effective reflective, collaborative and ethical professional practice.

**Prerequisite:** Physical Education concentration in the Secondary Education major; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

## Sport, Exercise and Performance Psychology (SEPP)

**SEPP 20026 PSYCHOLOGICAL FOUNDATIONS OF SPORT AND EXERCISE**  
**3 Credit Hours**

Psychological Foundations of Sport and Exercise is an overview of foundational concepts and principles essential to understanding the psychological aspects of sport and exercise. Emphasis is given to psychologically based frameworks and their application to sport; in particular, exercise behavior, performance enhancement, mental skills, health and well-being. Coursework reflects an application of sport and exercise psychology concepts to practitioners in sport-related professions such as coaching, athletic training, sport management, physical education or fitness instruction, among others.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SEPP 30019 PSYCHOSOCIAL PERSPECTIVES FOR GROWTH AND DEVELOPMENT IN YOUTH SPORT**  
**3 Credit Hours**

This course provides a holistic approach to youth sport participation. Pulling from the most current knowledge and views from a diversity of disciplines the course addresses comprehensive and relevant considerations in the field and brings attention to the influences impacting children and youth participating in a range of sport and performance activities. Knowledge from this course applies to any professional working with children and adolescents, from a leadership standpoint; such as coaches, teachers, dance, music or other instructors of any performance-related activity.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SEPP 32250 PSYCHOLOGICAL ASPECTS OF SPORT INJURY**  
**3 Credit Hours**

This course examines the various factors impacting athletes prior to and after a sport injury occurs. Understanding the relationship between biological, psychological, and social factors is critical to understanding, preventing, and rehabbing from a sport injury. Students will learn more about the consequences of sport injury, various psychological responses to sport injury, and the culture surrounding sport injury for athletes at different levels. In addition, various psychological concepts that can influence rehabilitation from an injury will be explored.

**Prerequisite:** Sophomore standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SEPP 40020 HIGH PERFORMANCE ATHLETES IN SPORT**  
**3 Credit Hours**

(Slashed with SPAD 50020) This course provides an understanding of various aspects of training, coaching, and best practices in working with athletes in a high-performance environment along with an emphasis on the social-psychological factors related to the successful performance of elite level athletes and teams.

**Prerequisite:** Sophomore standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SEPP 40221 EXERCISE PSYCHOLOGY 3 Credit Hours**

(Slashed with SPAD 50221) This course is designed to examine the science and practice of exercise psychology from both a theoretical and applied perspective. Students will be engaged in a comprehensive inquiry into behaviors and lifestyles that influence physical and mental health from physical activity, exercise and psychological lenses. Students will explore topics such as stress, anxiety, cognitive functioning, mood, body image, personality, emotion, and childhood inactivity/obesity as they relate to exercise behaviors and contexts. Students will gain a general understanding of issues in exercise psychology related to theory, practice, and research. In addition, students will develop practical skills to promote exercise adherence and create an exercise intervention program.

**Prerequisite:** SEPP 20026; and sophomore standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SEPP 45007 PRINCIPLES AND APPLICATION OF SPORT PSYCHOLOGY 3 Credit Hours**

(Slashed with SPAD 55007) This course encompasses the most current developments in the field of psychology with a strong foundation of the principles of human behavior in the sport and movement sciences. It incorporates sound practical theory with a focus on the application of that knowledge to be readily used by students in a range of sport and movement science careers; such as athletic training, coaching, sport management, consulting, physical education teachers and related areas with the goal to improve the sport performance and experience for all.

**Prerequisite:** SEPP 20026; and junior or senior standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SEPP 45092 PRACTICUM IN SPORT PERFORMANCE (ELR) 1-3 Credit Hours**

(Repeatable for credit) Supervised practical experiences within sport, exercise and performance psychology that are integrated with academic instruction. Forty-five contact hours per credit hour.

**Prerequisite:** Senior standing; and sport, exercise and performance psychology major or minor; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 3-9 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**Attributes:** Experiential Learning Requirement

**SEPP 45300 MOTIVATION IN SPORT, PERFORMANCE, AND MOVEMENT SETTINGS 3 Credit Hours**

(Cross-listed with SPAD 55300) This course provides an in-depth and wide-ranging look at motivational theories and its application to sport, performance and physical activity. It combines the many theoretical concepts of the diverse frameworks and principles with a survey of motivational interventions performed in the sport domain. Students will leave the class with a rigorous and comprehensive knowledge of constructs, cutting-edge research, effective interventions and future outlook of motivation in sport.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**SEPP 48225 SPORT PERFORMANCE PSYCHOLOGICAL INTERVENTIONS 3 Credit Hours**

(Slashed with SPAD 48225) This course combines the theoretical concepts of sport and performance psychology with applied skill development to enhance performance. Students will gain knowledge of psychological skills training, learn techniques and develop confidence in their skills to work with athletes and performers. The focus of this course is on both, educational psychological interventions for personal development as well as teaching athletes strategies to enhance mental skill. Learning will be done hands-on, via case studies or scenario-based activities. Through the course of this class this course, students will create and present their individual program for an athlete or performer. This course will include learning and understanding the APA/AASP ethics' code to develop awareness of the boundaries of ethical conduct of the profession.

**Prerequisite:** SEPP 20026; and junior standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter