SCHOOL OF TEACHING, LEARNING AND CURRICULUM STUDIES

College of Education and Human Services
School of Teaching, Learning and Curriculum Studies
404 White Hall
Kent Campus
330-672-2580
www.kent.edu/ehs/tlc

Undergraduate Programs

- Early Childhood Education - B.S.E.
- Integrated Language Arts - B.S.E.
- Integrated Mathematics - B.S.E.
- Integrated Science - B.S.E.
- Integrated Social Studies - B.S.E.
- Middle Childhood Education - B.S.E.
- Physical Education, Health and Sport Exploration - B.S.
- Professional Studies - B.S.

Minors

- Athletic Coaching
- Disability Studies and Community Inclusion
- Teaching and Learning with Technology

Graduate Programs

- Career-Technical Teacher Education - M.Ed.
- Cultural Foundations - M.Ed.
- Cultural Foundations - Ph.D.
- Early Childhood Education - M.A.T.
- Early Childhood Education - M.Ed.
- Educational Leadership K-12 - M.Ed.
- Educational Technology - M.Ed.
- 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.
- Interprofessional Leadership - Ed.D.
- Literacy Specialization - M.Ed.
- Secondary Education - M.A.T.
- Teaching, Learning and Curriculum Studies - Ed.S.
- Teaching, Learning and Curriculum Studies - M.Ed.
- Teaching, Learning and Curriculum Studies - Ph.D.

Certificates

Undergraduate Certificates

- Career-Technical Teacher Education
- Teaching and Learning with Technology

Graduate Certificates

- Career and Academic Advising
- Career-Technical Teacher Education
- College Teaching
- Community College Leadership
- Disability Studies and Community Inclusion
- Institutional Research and Assessment
- Ohio Superintendent's Licensure
- Online and Blended Learning

Licensure/Endorsement Programs - Non-Degree

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
- 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
- Integrated Language Arts Additional Licensure Preparation
- Integrated Mathematics Additional Licensure Preparation
- Integrated Science Additional Licensure Preparation
- Integrated Social Studies 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

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

- Dever, Robin M. (2018), Associate Professor, Ph.D., Kent State University, 2008
- 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
- Gin, Minyoung (2025), Assistant Professor, Ph.D., Penn State University, 2024
- Gruhler, Danielle M. (1999), Professor, Ph.D., Kent State University, 2004
- Guivernau, Marta (2007), Assistant Professor, Ph.D., Purdue University, 1999
- Hannon, James C. (2017), Professor
- Hawley, Todd (2008), Professor, Ph.D., University of Georgia, 2008
- Heron, Michele L. (2004), Professor, Ph.D., Kent State University, 2010
- Hollstein, Matthew S. (2015), Associate Professor, Ph.D., Ohio University, 2015
- Hutchins, Pamela K. (1993), Senior Lecturer, M.Ed., Kent State University, 1992
- Irving, Sonya E. (2013), Professor, Ph.D., University of Illinois, Urbana-Champaign, 2014
- Kenyon, Elizabeth (2015), Associate Professor, Ph.D., Michigan State University, 2015
- Kim, Insook (2012), Professor, Ph.D., The Ohio State University, 2011
- Kirin, Melanie D. (2019), Lecturer, M.Ed., Kent State University, 2015
- Knapp, Kathryn A. (2007), 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
- McCreight, Jennifer A. (2024), Assistant Professor, University of Georgia, 2012
- Miller Marsh, Monica A. (2012), Associate Professor, Ph.D., University of Wisconsin-Madison, 1997
- Mis, Robin M. (2007), Associate Professor, Ph.D., Kent State University, 2008
- Monobe, Gumiko (2010), Associate 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), Professor, Ph.D., Florida State University, 2012
- Pech, Sandra (2000), 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
- Radis, Cheryl L. (2009), Assistant Professor
- Ridley, Jacqueline N. (2020), Associate Professor , Ph.D., Ohio University, 2020
- Roginski, Dawn R. (2017), Assistant Professor, Ph.D., Kent State University, 2020
- 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), Associate Professor, Ph.D., University of Colorado-Boulder, 2020
- Walker, Amy (2022), Assistant Professor, Ph.D., Indiana University, 2022
- Walton-Fisette, Jennifer L. (2008), Professor, Ed.D., University of Massachusetts-Amherst, 2008
- Wang, Jiahui (2018), Associate Professor, Ph.D., University of Florida, 2018
- Wilfong, Lori G. (2002), Associate Professor, Ph.D., Kent State University, 2006
- Zolfaghari, Maryam (2018), Assistant Professor, Ph.D., Kent State University, 2023

Adolescent/Adult Education (ADED)

ADED 15000 EXPLORING ADOLESCENT EDUCATION 3 Credit Hours

This course is designed to familiarize aspiring educators with the fundamental concepts, theories and practices of teaching adolescents. Students explore the cognitive, social and emotional development of adolescents and how these factors influence learning. The course examines various instructional strategies, classroom management techniques and assessment methods appropriate for secondary education. Students will observe and visit middle and high school classrooms over the course of the semester.

Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ADED 20000 TOPICS IN SOCIAL JUSTICE IN TEACHING AND LEARNING 3 Credit Hours

Course examines social justice issues that are central to teaching and learning across all educational contexts. Students 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
This course is designed to facilitate the development of preservice middle and secondary school science teachers. Fundamental to middle and secondary school science teaching is an understanding of content knowledge, pedagogical knowledge and methodologies appropriate for science learning in secondary school. During this course students participate in hands-on activities, group discussions, presentations, pedagogical analyses and curriculum development. This course particularly focuses on nature of science, conceptual change and student misconceptions, ambitious science teaching, engineering design and STEM, issues-based instruction and teaching diverse learners and using technology to plan, teach, assess and analyze assessment data.
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, probability and geometry.
Prerequisite: None.
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.
Prerequisite: ADED 42292; and admission to advanced study.
Corequisite: ADED 49525.
Schedule Type: Practical Experience
Contact Hours: 35 other
Grade Mode: Satisfactory/Unsatisfactory-IP
Attributes: Experiential Learning Requirement

ADED 43210 TEACHING READING IN MIDDLE AND HIGH SCHOOL WITH YOUNG ADULT LITERATURE 3 Credit Hours
Through reading, young adults have the opportunity to reflect on their lives and to consider diverse cultures, time periods, and experiences. Readers can recognize themselves or grow to know someone, something, or someplace quite different. This course supports the pre-service Integrated Language Arts educator in learning how to plan and implement reading experiences, specifically focused on young adult literature and its instructional uses in middle school and high school language arts classrooms. This class will place an emphasis on the reading process and the foundations of reading for middle and high school students.
Prerequisite: Admission to advanced study.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

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 47330 READING AND WRITING IN ADOLESCENCE/ADULTHOOD 3 Credit Hours
(Slashed with ADED 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

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 57330 READING AND WRITING IN ADOLESCENCE/ADULTHOOD 3 Credit Hours
(Slashed with ADED 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

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 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
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

Curriculum and Instruction (CI)

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 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 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 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

CI 60299 THESIS II 2 Credit Hours
(Repeatable for credit) 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 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 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 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 credit) 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 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 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 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 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 WITH TECHNOLOGY 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 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 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 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 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 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 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 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 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 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 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 WITH TECHNOLOGY 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 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 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 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 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 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 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 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 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 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 credit) 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

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
(Slashed with CTTE 50093 and CTTE 70093) (Repeatable for credit) 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: Satisfactory/Unsatisfactory
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 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 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 required for students registered in the undergraduate Career-Technical Teacher certificate and those students working on a Career-Based Intervention endorsement.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

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
(Slashed with CTTE 56096) (Repeatable for credit) 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: 3-9 other
Grade Mode: Satisfactory/Unsatisfactory

CTTE 50093 VARIABLE TOPIC WORKSHOP IN CAREER TECHNICAL EDUCATION 1-5 Credit Hours
(Slashed with CTTE 40093 and CTTE 70093) (Repeatable for credit) 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: 6 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: Satisfactory/Unsatisfactory

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 56002 IN-SERVICE TEACHING 3 Credit Hours
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
(Slashed with CTTE 46096) (Repeatable for credit) 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: 3-9 other
Grade Mode: Satisfactory/Unsatisfactory

CTTE 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

CTTE 60299 THESIS II 2 Credit Hours
(Repeatable for credit) 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 emo graphic 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
(Slashed with CTTE 76096) (Repeatable for credit) 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
(Slashed with CTTE 40093 and CTTE 50093) (Repeatable for credit) 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
(Slashed with CTTE 66096) (Repeatable for credit) 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

Cultural Foundations (CULT)

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 36040 UNIVERSAL DESIGN, ACCESSIBILITY AND PEOPLE WITH DISABILITIES 3 Credit Hours
Course provide students with the opportunity to understand philosophical, historical and sociological underpinnings of universal design and accessibility for people with disabilities. Students gain knowledge of the principles of universal design and the Americans with Disabilities Act (ADA) as it relates to community educational services, community engagement and provision of inclusive community services.
Prerequisite: None.
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

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: 3.6-10.8 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 and CULT 76001) 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 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 and CULT 76001) 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 60011 SEMINAR IN EDUCATIONAL FOUNDATIONS: PRINCIPLES AND PRACTICES 3 Credit Hours
Through this course, students learn about the field of social foundations of education and about the program. Students are introduced to university and college resources that help them find success in the program. They also begin using perspectives from the field of social foundations of education to identify and explore problems of practice in their communities and their educational and cultural organizations.
Prerequisite: Graduate standing.
Schedule Type: Seminar
Contact Hours: 3 other
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 60040 APPROACHES TO COMMUNITY-ENGAGED INQUIRY 3 Credit Hours
(Slashed with CULT 80040) This course focuses on methods, tools and practices to engage in collaborative research/inquiry with communities, including non-profits, schools, families and/or practice settings (i.e., research with communities rather than about communities). Discussions and assignments prompt students to identify research questions and appropriate methods to answer the questions. Students also address issues of ethics, relationship-building and trust.
Prerequisite: Graduate standing.
Schedule Type: Seminar
Contact Hours: 3 other
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 other
Grade Mode: Standard Letter

CULT 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: 2-6 other
Grade Mode: Satisfactory/Unsatisfactory-IP

CULT 60299 THESIS II 2 Credit Hours
(Repeatable for credit) Thesis students must continue registration each semester until all degree requirements are met.
Prerequisite: CULT 60199; and graduate standing.
Schedule Type: Masters Thesis
Contact Hours: 2 other
Grade Mode: Satisfactory/Unsatisfactory-IP

CULT 65530 SCHOOLING AND SOCIETY: HISTORY, AIMS AND POLITICS OF EDUCATION 3 Credit Hours
This course focuses on the historical origins of public schooling in the United States and the persistent tension between shared, public aims for schools; and private, individual interests in schools.
Prerequisite: Graduate standing.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter

CULT 67015 DISABILITY, SOCIETY AND CULTURE 3 Credit Hours
(Slashed with CULT 77015) Provides students with the learning outcomes related to the cultural, political and social perspectives of disability. Students are prepared to have an in-depth global understanding of the nature, meaning and consequences of disability as it relates to social and environmental justice and barriers they experience. Perspectives are examined through several theoretical lenses for greater understanding of the breadth of marginalization experienced by persons with disabilities. The course culminates in identifying steps to address barriers in multiple contexts, decrease stigmas and promote greater societal inclusion.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CULT 69491 SEMINAR: CLASSICS IN PHILOSOPHY OF EDUCATION 3 Credit Hours
(Repeatable for credit) (Slashed with CULT 79491) 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 other
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 other
Grade Mode: Standard Letter

CULT 69564 HISTORY OF UNITED STATES EDUCATION 3 Credit Hours
(Slshed 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 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 other
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 other
Grade Mode: Standard Letter

CULT 69592 ADVANCED PRACTICUM AND INTERNSHIP IN CULTURAL FOUNDATIONS 1-6 Credit Hours
(Repeatable for credit) 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: 3-18 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 other
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: 3.6-10.8 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 69791 SEMINAR: CONTEMPORARY PHILOSOPHY OF EDUCATION 3 Credit Hours
(Slashed with CULT 79791) (Repeatable for credit) 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 other
Grade Mode: Standard Letter

CULT 69999 CAPSTONE 3 Credit Hours
In this course, students complete a culminating project for their M.Ed. degree. Each student's project will address a problem of practice within a cultural or educational organization that they have investigated in partnership with stakeholders.
Prerequisite: Graduate standing.
Schedule Type: Project or Capstone
Contact Hours: 3 lecture
Grade Mode: Satisfactory/Unsatisfactory

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 76001 PRINCIPLES AND METHODS OF COMMUNITY INCLUSION 3 Credit Hours
(Slashed with CULT 46001 and CULT 56001) 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: CULT 77015; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CULT 77015 DISABILITY, SOCIETY AND CULTURE 3 Credit Hours
(Slashed with CULT 67015) Provides students with the learning outcomes related to the cultural, political and social perspectives of disability. Students are prepared to have an in-depth global understanding of the nature, meaning and consequences of disability as it relates to social and environmental justice and barriers they experience. Perspectives are examined through several theoretical lenses for greater understanding of the breadth of marginalization experienced by persons with disabilities. The course culminates in identifying steps to address barriers in multiple contexts, decrease stigmas and promote greater societal inclusion.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CULT 79491 SEMINAR: CLASSICS IN PHILOSOPHY OF EDUCATION 3 Credit Hours
(Slashed with CULT 69491) (Repeatable for credit) 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 other
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 other
Grade Mode: Standard Letter

CULT 79564 HISTORY OF UNITED STATES 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 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 other
Grade Mode: Standard Letter

CULT 79791 SEMINAR: CONTEMPORARY PHILOSOPHY OF EDUCATION 3 Credit Hours
(Repeatable for credit) (Slashed with CULT 69791) 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 other
Grade Mode: Standard Letter

CULT 80030 SOCIAL CONTEXTS OF EDUCATION: CONTEMPORARY ISSUES AND THEORY 3 Credit Hours
(Slashed with CULT 60030) 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 other
Grade Mode: Standard Letter

CULT 80040 APPROACHES TO COMMUNITY-ENGAGED INQUIRY 3 Credit Hours
(Slashed with CULT 60040) This course focuses on methods, tools and practices to engage in collaborative research/inquiry with communities, including non-profits, schools, families and/or practice settings (i.e., research with communities rather than about communities). Discussions and assignments prompt students to identify research questions and appropriate methods to answer the questions. Students also address issues of ethics, relationship-building and trust.
Prerequisite: Doctoral standing.
Schedule Type: Seminar
Contact Hours: 3 other
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 other
Grade Mode: Standard Letter

CULT 80080 DISSERTATION PREPARATION AND SCHOLARLY DEVELOPMENT 3 Credit Hours
This course engages doctoral students in activities promoting their scholarly and professional development. Students begin to conceptualize their dissertation projects and develop the practices that help them complete these projects. They learn about dissertation proposal writing. Students engage in preliminary work developing their portfolio and their comprehensive exam questions and papers. They also engage in reading and dialogue to promote scholarly and professional socialization in the field.
Prerequisite: Doctoral standing.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Satisfactory/Unsatisfactory

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 other
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 89581 INTRODUCTION TO THE SOCIAL FOUNDATIONS OF EDUCATION 3 Credit Hours
Doctoral seminar to familiarize doctoral 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 other
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 89592 ADVANCED PRACTICUM AND INTERNSHIP IN CULTURAL FOUNDATIONS 2-6 Credit Hours
(Repeatable for credit) 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 other
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: 3.6-10.8 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 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.
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.
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.
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.
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.
Prerequisite: ECED 10120; and special approval.
Pre/corequisite: ECED 30134 and ECED 30164 and ECED 40145; and SPED 23000; and admission to advanced study.
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.
Prerequisite: Admission to advanced study.
Schedule Type: Practical Experience
Contact Hours: 14 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.
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.
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.
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: Admission to advanced study; and Early Childhood Education or Special Education major.
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: Minimum C grade in the following courses: ECED 20101, ECED 20102, ECED 20103 and ECED 20105 (Block I); and a satisfactory grade in ECED 20192; 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 (Block I); and a satisfactory grade in ECED 20192; admission to advanced study.
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 20101, ECED 20102, ECED 20103 and ECED 20105 (Block I); and a satisfactory grade in ECED 20192; and admission to advanced study.
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 40203 and ECED 40302 (Block II); and a satisfactory grade in ECED 30292; and admission to advanced study.
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
(Slashed with ECED 50093 and ECED 70093) (Repeatable for credit) 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 K-STEP unit assessment.
Prerequisite: A minimum C grade in the following courses: ECED 40401, ECED 40402, ECED 40403, ECED 40404 and ECED 44444 (Block IV); and a satisfactory grade in ECED 40492; 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.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

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 (Block I); and satisfactory grade in ECED 20192; 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 40492; and admission to advanced study.
Corequisite: ECED 40125.
Schedule Type: Practical Experience
Contact Hours: 20-40 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 40203 and ECED 40302 (Block II); and satisfactory grade in ECED 30292; 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: Minimum C grade in the following courses ECED 20101, ECED 20102, ECED 20103 and ECED 20105 (Block I); and a satisfactory grade in ECED 20192; 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 40203 and ECED 40302 (Block II); and satisfactory grade in ECED 30292; 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 40203 and ECED 40302 (Block II); and satisfactory grade in ECED 30292; 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 40203 and ECED 40302 (Block II); and satisfactory grade in ECED 30292; and admission to advanced study.
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 40301, ECED 40303, ECED 40304 and ECED 40305 (Block III); and satisfactory grade in ECED 30392; 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: Admission to advanced study and a minimum grade of C in both ECED 30201 and ECED 40302; or admission to the professional phase in special education.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 40403 TEACHING WRITERS IN THE ELEMENTARY YEARS (WIC) 3 Credit Hours
(Slashed with ECED 50403) 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: Admission to advanced study or professional phase; and ECED 30201 and ECED 40302 with minimum C grade; and Early Childhood Education major or Special Education major.
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 40301, ECED 40303, ECED 40304 and ECED 40305 (Block III); and satisfactory grade in ECED 30392; 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
(Slashed with ECED 54444) 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 40301, ECED 40303, ECED 40304 and ECED 40305 (Block III); and satisfactory grade in ECED 30392; 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 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: Graduate standing in Early Childhood Education, Early Childhood Education (P-5) Additional Licensure Preparation, Early Childhood Education Pre-Kindergarten (3-5 years) Endorsement Preparation, Special Education, 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, or Special Education Transition-to-Work Endorsement Preparation.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 50403 TEACHING WRITERS IN THE ELEMENTARY YEARS 3 Credit Hours
(Slashed with ECED 40403) 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: Graduate standing in Early Childhood Education, Early Childhood Education (P-5) Additional Licensure Preparation, Early Childhood Education Pre-Kindergarten (3-5 years) Endorsement Preparation, Special Education, 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, or Special Education Transition-to-Work Endorsement Preparation.
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
(Slashed with ECED 44444) 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.
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.
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 classroooms. 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: Graduate standing.
Pre/corequisite: 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
(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

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
(Repeatable for credit) 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: 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 67392 PRACTICUM AND INTERNSHIP IN EARLY CHILDHOOD EDUCATION 1-10 Credit Hours
(Repeatable for credit) 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. The practicum is 50 clock hours per credit hour.
Prerequisite: Graduate standing.
Schedule Type: Practical Experience
Contact Hours: 3-30 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 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, boos 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 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) Workshop in educational administration. Topics varies per class offering.
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) Workshop in educational administration. Topics varies per class offering.
Prerequisite: Graduate standing.
Schedule Type: Workshop
Contact Hours: 1-5 other
Grade Mode: Satisfactory/Unsatisfactory

EDLE 66492 INTERNSHIP IN EDUCATIONAL ADMINISTRATION 3 Credit Hours
(Repeatable for credit) 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 other
Grade Mode: Satisfactory/Unsatisfactory-IP

EDLE 66515 FACILITIES PLANNING AND ADMINISTRATION 3 Credit Hours
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 66518 SCHOOL AND SPECIAL EDUCATION LAW 3 Credit Hours
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 66522 PUBLIC SCHOOL FINANCE AND ECONOMICS 3 Credit Hours
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; and 16 credit hours of EDLE courses; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EDLE 66526 FUNDAMENTALS OF EDUCATIONAL ADMINISTRATION 3 Credit Hours
Examines theory and practice essential for administration. Skills and understanding are developed in theory, goal setting, staff development and evaluation of programs and student achievement.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EDLE 66527 SCHOOL FINANCE FOR BUILDING ADMINISTRATORS 3 Credit Hours
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
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 66534 THE SUPERINTENDENCY 3 Credit Hours
Course focuses on major responsibilities of board of education and superintendent.
Prerequisite: 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
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 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
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) Course is designed to provide students with opportunities to discuss and investigate the unique challenges of leading urban 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
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)(Slashed with EDLE 86591) Seminar in educational administration. Topics vary per course offering.
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) Projects as assigned.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Individual Investigation
Contact Hours: 7.2-14.4 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: 7.2-28.8 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 are 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
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 peer assistance are examined and practiced.
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) Workshop in educational administration. Topics varies per class offering.
Prerequisite: Doctoral standing.
Schedule Type: Workshop
Contact Hours: 1-5 other
Grade Mode: Satisfactory/Unsatisfactory

EDLE 76492 INTERNSHIP IN EDUCATIONAL ADMINISTRATION 3 Credit Hours
(Repeatable for credit) 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 other
Grade Mode: Satisfactory/Unsatisfactory-IP

EDLE 76525 THE EDUCATIONAL PRINCIPALSHIP 3 Credit Hours
(Slashed with EDLE 66525) Organizing and administering elementary, middle level and secondary schools.
Prerequisite: EDLE 76526; and 16 credit hours of EDLE courses; 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 76533 CENTRAL OFFICE ADMINISTRATION 3 Credit Hours
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 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 76543 SCHOOL ADMINISTRATION IN URBAN SETTINGS 3 Credit Hours
(Slashed with EDLE 66543) Course is designed to provide students with opportunities to discuss and investigate the unique challenges of leading urban 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 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) Projects as assigned.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Individual Investigation
Contact Hours: 7.2-14.4 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 are 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 86591 SEMINAR IN EDUCATIONAL ADMINISTRATION 1-4 Credit Hours
(Repeatable for credit)(Slashed with EDLE 66591) Seminar in educational administration. Topics vary per course offering.
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: 7.2-28.8 other
Grade Mode: Satisfactory/Unsatisfactory-IP

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
(Slashed with ETEC 50093) (Repeatable for credit) 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) This course explores current trends in educational technology and its transformative impact on teaching, learning, and human performance improvement. Students will examine how digital and networked technologies can enhance instructional practices and foster meaningful learning experiences. Through readings, critical analyses of emerging learning tools and interactive projects, students will gain practical experience with current educational technologies.
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) This course provides an overview of major theoretical perspectives and frameworks that have influenced the research and practice of learning and teaching with technology.
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
(Slashed with ETEC 40093) (Repeatable for credit) 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) This course explores current trends in educational technology and its transformative impact on teaching, learning and human performance improvement. Students will examine how digital and networked technologies can enhance instructional practices and foster meaningful learning experiences. Through readings, critical analyses of emerging learning tools and interactive projects, students will gain practical experience with current educational technologies.
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) This course provides an overview of major theoretical perspectives and frameworks that have influenced the research and practice of learning and teaching with technology.
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) Educational Technology is a broad field that intersects many disciplines and provides numerous opportunities for individuals with varied interests. Having knowledge of the important issues in educational technology research enables students to evaluate both rigor and usefulness of empirical studies in the field of educational technology. This course is designed to explore significant issues in educational technology, including the latest research into how technology can most effectively facilitate learning.
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) This course examines how to implement technological change within organizations, with a particular focus on those involved in education, training and performance improvement. As new hardware and software technologies are continually developed and promoted as revolutionary tools for teaching and learning and as innovative instructional strategies emerge that effectively leverage these technologies, organizations face critical decisions. This course addresses key questions, including how to identify the technologies best suited for teaching and learning, how to pinpoint sources of resistance and obstacles to change, and how to design projects that ensure successful technological implementation.
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: 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) This course focuses on applying instructional design principles to the development of an online/blended course. Students will follow a structured instructional design process to analyze, design, develop and evaluate an online/blended course relevant to their professional contexts. Students will also use a learning management system (e.g., Canvas, Blackboard, Google Classroom) for delivering their 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) This course explores pedagogical approaches tailored for online and blended learning, including strategies for facilitating synchronous and asynchronous discussions, embedding assessments, enhancing interactivity, fostering student motivation, supporting peer assessment and feedback, encouraging collaboration and community building and integrating self-directed learning. Students will plan, create, implement and evaluate instructional and motivational activities for online and blended environments.
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) Online and blended learning offers democratized education and endless opportunities in the fields of education and training because of its accessibility and flexibility. This course serves as an introduction to research and theory in online and blended learning. We will examine major concepts in online and blended learning, theoretical underpinnings of the field, historical foundations and trends, as well as important research paradigms in online and blended learning research.
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 67510 ARTIFICIAL INTELLIGENCE IN EDUCATION AND HUMAN PERFORMANCE 3 Credit Hours
(Slashed with ETEC 77510) This course introduces the foundations, applications, and implications of Artificial Intelligence (AI) in education and human performance. Topics include generative AI, intelligent tutoring systems, learning analytics, adaptive training environments, and human-AI collaboration. Students will critically evaluate AI tools, design instructional interventions that leverage AI responsibly and explore ethical frameworks guiding their use. The course balances theory with practice, providing hands-on opportunities to experiment with AI applications in the classroom, corporate and training settings.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

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

ETEC 77420 RESEARCH ISSUES IN EDUCATIONAL TECHNOLOGY 3 Credit Hours
(Slashed with ETEC 67420) Educational technology is a broad field that intersects many disciplines and provides numerous opportunities for individuals with varied interests. Having knowledge of the important issues in educational technology research enables students to evaluate both rigor and usefulness of empirical studies in the field of educational technology. This course is designed to explore significant issues in educational technology, including the latest research into how technology can most effectively facilitate learning.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ETEC 77425 MANAGING TECHNOLOGICAL CHANGE 3 Credit Hours
(Slashed with ETEC 67425) This course examines how to implement technological change within organizations, with a particular focus on those involved in education, training and performance improvement. As new hardware and software technologies are continually developed and promoted as revolutionary tools for teaching and learning and as innovative instructional strategies emerge that effectively leverage these technologies, organizations face critical decisions. This course addresses key questions, including how to identify the technologies best suited for teaching and learning, how to pinpoint sources of resistance and obstacles to change, and how to design projects that ensure successful technological implementation.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ETEC 77426 MANAGING SCHOOL TECHNOLOGIES 3 Credit Hours
(Slashed with ETEC 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

ETEC 77432 DESIGNING MULTIMEDIA FOR EDUCATION 3 Credit Hours
(Slashed with ETEC 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: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ETEC 77434 EMERGING TECHNOLOGIES FOR EDUCATION 3 Credit Hours
(Slashed with ETEC 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

ETEC 77435 VIRTUAL AND AUGMENTED REALITY 3 Credit Hours
(Slashed with ETEC 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

ETEC 77442 DESIGNING ONLINE AND BLENDED COURSES 3 Credit Hours
(Slashed with ETEC 67442) This course focuses on applying instructional design principles to the development of an online/blended course. Students will follow a structured instructional design process to analyze, design, develop and evaluate an online/blended course relevant to their professional contexts. Students will also use a learning management system (e.g., Canvas, Blackboard, Google Classroom) for delivering their courses.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ETEC 77444 TEACHING ONLINE AND BLENDED COURSES 3 Credit Hours
(Slashed with ETEC 67444) This course explores pedagogical approaches tailored for online and blended learning, including strategies for facilitating synchronous and asynchronous discussions, embedding assessments, enhancing interactivity, fostering student motivation, supporting peer assessment and feedback, encouraging collaboration and community building, and integrating self-directed learning. Students will plan, create, implement and evaluate instructional and motivational activities for online and blended environments.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ETEC 77445 DESIGNING INSTRUCTIONAL AND PERFORMANCE SOLUTIONS 3 Credit Hours
(Slashed with ETEC 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

ETEC 77449 RESEARCH IN ONLINE AND BLENDED LEARNING 3 Credit Hours
(Slashed with ETEC 67449) Online and blended learning offers democratized education and endless opportunities in the fields of education and training because of its accessibility and flexibility. This course serves as an introduction to research and theory in online and blended learning. We will examine major concepts in online and blended learning, theoretical underpinnings of the field, historical foundations and trends, as well as important research paradigms in online and blended learning research.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ETEC 77491 SEMINAR: EDUCATIONAL TECHNOLOGY 1-4 Credit Hours
(Repeatable for credit) (Slashed with ETEC 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
(Repeatable for credit) 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) (Repeatable for credit) 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
(Slashed with ETEC 67496) (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: 3-9 other
Grade Mode: Satisfactory/Unsatisfactory-IP

ETEC 77498 INDEPENDENT RESEARCH IN EDUCATIONAL TECHNOLOGY 1-5 Credit Hours
(Slashed with ETEC 67498) (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: 3-15 other
Grade Mode: Satisfactory/Unsatisfactory-IP

ETEC 77510 ARTIFICIAL INTELLIGENCE IN EDUCATION AND HUMAN PERFORMANCE 3 Credit Hours
This course introduces the foundations, applications, and implications of Artificial Intelligence (AI) in education and human performance. Topics include generative AI, intelligent tutoring systems, learning analytics, adaptive training environments, and human-AI collaboration. Students will critically evaluate AI tools, design instructional interventions that leverage AI responsibly and explore ethical frameworks guiding their use. The course balances theory with practice, providing hands-on opportunities to experiment with AI applications in classroom, corporate and training settings.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

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

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 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 32543 METHODS IN SCHOOL HEALTH EDUCATION (WIC) 3 Credit Hours
Professional standards of practice for school health educators dictate that entry-level health educators must be fluent in skills to plan and implement lessons and assess student learning in health education. In addition, health educators must be equipped with the skill set to assess the needs of target audiences to plan developmentally appropriate lessons for learners. Students will develop lesson plans for K-12 health education, implement a variety of effective teaching strategies for school-age learners and identify various formative evaluation strategies for the lessons.
Corequisite: PEHS 45592.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
Attributes: Writing Intensive Course

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 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 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 44091 SCHOOL HEALTH EDUCATION VARIABLE CONTENT SEMINAR 3 Credit Hours
(Repeatable for credit) (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: 3 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 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: Special approval.
Schedule Type: Individual Investigation
Contact Hours: 3-9 other
Grade Mode: Satisfactory/Unsatisfactory-IP

HED 44551 SCHOOL HEALTH EDUCATION PREVENTION PROGRAMS 3 Credit Hours
This course explores prevention education related to Alcohol, Tobacco and Other Drugs (ATOD) use, violence and adverse sexual outcomes from theoretical, philosophical and practical perspectives. It also explores principles of best practice for implementation of prevention education programs in school-based settings.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 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: IHS 32544.
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 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 54091 SCHOOL HEALTH EDUCATION VARIABLE CONTENT SEMINAR 3 Credit Hours
(Repeatable for credit) (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: 3 other
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.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Individual Investigation
Contact Hours: 3-9 other
Grade Mode: Satisfactory/Unsatisfactory-IP

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 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 64063; 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 64550 DRUG ABUSE AND VIOLENCE EDUCATION PROGRAMS 3 Credit Hours
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 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 64063; and graduate standing.
Schedule Type: Practical Experience
Contact Hours: 9 other
Grade Mode: Standard Letter

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.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Individual Investigation
Contact Hours: 3-9 other
Grade Mode: Satisfactory/Unsatisfactory-IP

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; and special approval.
Schedule Type: Dissertation
Contact Hours: 45 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: HED 80199; and doctoral standing.
Schedule Type: Dissertation
Contact Hours: 45 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

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
This course enables students to review 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. Requisite elements of a dissertation in health education and promotion will be examined. The dissertation process also will be explored, including specification of dissertation topic, identification of potential dissertation committee members, and the writing process for a dissertation. The course culminates in the development and presentation of a preliminary research design for a dissertation.
Prerequisite: Doctoral standing; and special approval of instructor.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Satisfactory/Unsatisfactory-IP

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 84050.
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 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 HED 84050; and HED 64063 or HED 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 64063 or 84063; 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 84096 INDIVIDUAL INVESTIGATION: READINGS IN HEALTH EDUCATION AND PROMOTION 1-3 Credit Hours
(Repeatable for credit) 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) Research or individual investigation for doctoral level graduate students.
Prerequisite: Doctoral standing and special approval.
Schedule Type: Research
Contact Hours: 3-9 other
Grade Mode: Standard Letter

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) (Repeatable for credit) 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

HIED 66492 INTERNSHIP IN HIGHER EDUCATION ADMINISTRATION 3-6 Credit Hours
(Slashed with HIED 76492)(Repeatable for credit) 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 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: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HIED 66592 INTERNSHIP IN COLLEGE TEACHING 3 Credit Hours
(Slashed with HIED 76592) (Repeatable for credit) 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
(Repeatable for credit) (Slashed with HIED 76595) 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
(Slashed with HIED 76596) (Repeatable for credit) 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 66640 UNITED STATES HIGHER EDUCATION 3 Credit Hours
(Slashed with HIED 76640) This course serves as an introduction to the field of student affairs, graduate study in higher education and professional expectations associated with both. Students in this course will explore higher education in the United States with a specific focus on the practice of student affairs. Course topics include student affairs functional areas, professional associations, competencies and professional development. Students will also examine the types and major functions of colleges and universities, history of U.S. higher education and laws and regulations affecting 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 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 M.A. 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 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 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 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 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 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: Lecture
Contact Hours: 3 lecture
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 other
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; and graduate standing.
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
(Slashed with HIED 76789) Students learn the principles and practice of designing and delivering effective study- abroad programs through Kent State locations. 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) (Repeatable for credit) 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

HIED 76492 INTERNSHIP IN HIGHER EDUCATION ADMINISTRATION 3-6 Credit Hours
(Slashed with HIED 66492) (Repeatable for credit) 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 76592 INTERNSHIP IN COLLEGE TEACHING 3 Credit Hours
(Slashed with HIED 66592) (Repeatable for credit) 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: 7.2-28.8 other
Grade Mode: Satisfactory/Unsatisfactory-IP

HIED 76600 HISTORY OF HIGHER EDUCATION 3 Credit Hours
(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 76640 U.S. HIGHER EDUCATION 3 Credit Hours
(Slashed with HIED 66640) This course serves as an introduction to the field of student affairs, graduate study in higher education, and professional expectations associated with both. Students in this course will explore higher education in the United States with a specific focus on the practice of student affairs. Course topics include student affairs functional areas, professional associations, competencies and professional development. Students will also examine the types and major functions of colleges and universities, history of U.S. higher education and laws and regulations affecting 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. D. in Higher Education Administration major or Ed.S. 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.
Prerequisite: Ph.
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 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. D in Higher Education Administration major or Ed.S. 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.
Prerequisite: Ph.
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 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 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 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. D. in Higher Education Administration major or Ed.S. 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.
Prerequisite: Ph.
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 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: Lecture
Contact Hours: 3 lecture
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 other
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) Course is designed to provide an understanding of current assessment and evaluation methods in higher education settings. Topics 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; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HIED 76789 PLANNING AND IMPLEMENTING STUDY ABROAD WHILE STUDYING ABROAD 3 Credit Hours
(Slashed with HIED 76789) Students learn the principles and practice of designing and delivering effective study-abroad programs through Kent State locations. 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: Doctoral standing.
Schedule Type: International Experience, Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter-IP

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: 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.
Prerequisite: HIED 80199; and PhD in higher education administration major; and doctoral standing.
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

Interprofessional Leadership (INLD)

INLD 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 develop an understanding of the role leadership plays in complex systems through the application of systems thinking concepts. The course focuses 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

INLD 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 support the integration and synthesis of leadership theory in practice. Leadership theory, myths, traits, models, strategies and assessment tools for leadership are 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

INLD 75502 ETHICAL LEADERSHIP IN EDUCATION 3 Credit Hours
Education is constantly undergoing change, and ethical leadership in uncertain times is paramount. In this course, students discuss ethical elements of educational leadership in all settings in a case approach to connect ethical leadership theory to educational practice. The course blends 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, organization and other forces on education are evaluated through an ethical lens.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

INLD 75515 CONTEMPORARY ISSUES IN EDUCATIONAL LEADERSHIP DEVELOPMENT 3 Credit Hours
Course addresses 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. They focus on, but are 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 guide students through reflective, analytical considerations for successfully addressing these challenges in educational leadership.
Prerequisite: Doctoral standing.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter

INLD 75516 GROUP DYNAMICS IN EDUCATIONAL LEADERSHIP 3 Credit Hours
Course connects educational leadership group dynamics theory to practice. Providing a foundation through contemporary literature, educational leadership is contextualized in the study, formation, facilitation and dynamics of group behavior. Educational leadership group dynamics are situated in the complex and changing educational cultures of learning organizations.
Prerequisite: Doctoral standing.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter

INLD 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 other
Grade Mode: Standard Letter

INLD 75520 INTERPROFESSIONAL LEADERSHIP FOR TRANSFORMATIVE CHANGE 3 Credit Hours
This course explores broad topics situated within interprofessional leadership contexts. It provides a framework for participants to make strong connections between effective leadership and the core concerns of equity, collaboration and improved outcomes across diverse professional sectors. Students will engage with concepts such as equity/climate audits, cultural and social competence, moral transformation, and other frameworks essential for leading inclusive, 21st-century organizations. These concepts challenge leaders to critically examine how broader social, political, cultural, and economic forces shape their ability to foster transformative change across disciplines and professions.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

INLD 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

INLD 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

INLD 81099 CAPSTONE I 3 Credit Hours
(Repeatable for credit) The capstone operates as a "dissertation in practice," focusing on a problem of practice and using either action research or improvement science as a methodology. Students' research is aligned with the needs of their organizations, useful to their organizations and intended to effect positive change in their organizations. The research culminates 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: 3 other
Grade Mode: Satisfactory/Unsatisfactory-IP

INLD 89596 INDIVIDUAL INVESTIGATION IN INTERPROFESSIONAL LEADERSHIP 1-3 Credit Hours
(Repeatable for credit) Students pursue individual inquiry and/or individual projects in interprofessional leadership with approval and under the direction of the instructor.
Prerequisite: Doctoral standing.
Schedule Type: Individual Investigation
Contact Hours: 3-9 other
Grade Mode: Satisfactory/Unsatisfactory-IP

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
(Slashed with MCED 50005) 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: MCED 41000 and MCED 40007; and admission to advanced study.
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
(Slashed with MCED 40005) 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
(Slashed with MCED 42392) 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: 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
(Slashed with MCED 49525) 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. Corequisites: MCED 52392
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 10041 MINDFUL MOVEMENT 1 Credit Hour
This course uses movement-based contemplative practices to glean many of the benefits of traditional meditation, i.e., to build awareness that emerges through paying attention, on purpose, without judgment. The ultimate goal is to aid students in enhancing self-care and improving emotional and physical adaptations for healthier living. Students will learn experientially and conceptually how to develop their capacity to enhance mind-body awareness of present-moment experience.
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 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 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 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 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 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 asses 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

PWS 36911 WILDERNESS AND REMOTE FIRST AID 2 Credit Hours
Students will learn to respond to medical emergencies with wilderness first aid training when faced with limited resources, longer times to care for someone and decisions about when and how fast to evacuate an ill or injured person. Upon successful completion of the course, participants may earn a Red Cross WRFA certification good for two years. This course is immersive and includes outdoor experiences which will occur for one six-hour Saturday session in addition to the recurring class time.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

Physical Education, Health and Sport Exploration (PEHS)

PEHS 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

PEHS 15012 DEVELOPMENT AND ANALYSIS OF SPORTS AND GAMES I 3 Credit Hours
One half of a two-course series that uses the games classification system to teach the development and analysis of game performance skills, as well as basic tactics and strategies used in these games. Course focuses on the skills and tactics of invasion games and striking and fielding games.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

PEHS 15013 DEVELOPMENT AND ANALYSIS OF SPORTS AND GAMES II 3 Credit Hours
One half of a two-course series that uses the games classification system to teach the development and analysis of game performance skills, as well as basic tactics and strategies used in these games. Course focuses on the skills and tactics of net and wall games and target games.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

PEHS 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

PEHS 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: None.
Schedule Type: Lecture, Practical Experience
Contact Hours: 2 lecture, 3 other
Grade Mode: Standard Letter

PEHS 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: Physical Education, Health and Sport Exploration majors.
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab
Contact Hours: 1 lecture, 4 lab
Grade Mode: Standard Letter

PEHS 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

PEHS 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

PEHS 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 PEHS 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

PEHS 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 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

PEHS 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

PEHS 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

PEHS 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

PEHS 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

PEHS 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

PEHS 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

PEHS 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

PEHS 45015 PSYCHOLOGY OF COACHING 3 Credit Hours
(Slashed with PEHS 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

PEHS 45020 CONTEMPORARY ATHLETIC COACHING 3 Credit Hours
(Slashed with TLCS 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

PEHS 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

PEHS 45051 ELEMENTARY SCHOOL CONTENT AND METHODS IN PHYSICAL EDUCATION 3 Credit Hours
(Slashed with PEHS 55051) This course focuses on developing in-depth content knowledge and effective teaching practices for elementary school physical education. Emphasis is placed on creating a positive learning environment, planning standards-based lessons, promoting instructional effectiveness, and assessing student learning. Students are required to complete 30 hours of field experience in an assigned school or agency. Prior to the first day of field experience, students are required to apply for and obtain a Pre-Service Teacher Permit from the State Board of Education by completing both the Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks.
Prerequisite: PEHS 15012, PEHS 15013, PEHS 15020 and PEHS 25025 and PEHS 25033; and admission to advanced study.
Corequisite: PEHS 45192.
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab
Contact Hours: 2 lecture, 3 lab
Grade Mode: Standard Letter

PEHS 45053 SECONDARY SCHOOL CONTENT AND METHODS IN PHYSICAL EDUCATION 3 Credit Hours
(Slashed with PEHS 55053) 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: PEHS 15012 and PEHS 15013 and PEHS 15020 and PEHS 25025 and PEHS 25033; and admission to advanced study.
Corequisite: PEHS 45592.
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab
Contact Hours: 3 lecture, 2 lab
Grade Mode: Standard Letter

PEHS 45092 INTERNSHIP IN PHYSICAL EDUCATION (ELR) 2-4 Credit Hours
(Repeatable for credit) 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

PEHS 45096 INDIVIDUAL INVESTIGATION IN PHYSICAL EDUCATION 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: Junior standing; and special approval.
Schedule Type: Individual Investigation
Contact Hours: 3-6 other
Grade Mode: Satisfactory/Unsatisfactory-IP

PEHS 45192 ELEMENTARY PRACTICUM IN PHYSICAL EDUCATION (ELR) 1 Credit Hour
(Repeatable for credit) This field-based practicum provides teacher candidates in physical education with approximately 30 field hours of supervised experience in an elementary school. Under the guidance of a mentor teacher, students will observe, assist, and gradually teach lessons in physical education. Emphasis is placed on planning and implementing developmentally appropriate instruction aligned with state and national standards. Aim is to transition candidates from observation to independent lesson delivery in preparation for full-time student teaching.
Prerequisite: PEHS 15010, PEHS 15012, PEHS 15013, PEHS 15020, PEHS 25025, PEHS 25026 and PEHS 25033.
Corequisite: PEHS 45051.
Schedule Type: Practical Experience
Contact Hours: 3 other
Grade Mode: Satisfactory/Unsatisfactory
Attributes: Experiential Learning Requirement

PEHS 45592 PRACTICUM IN HEALTH AND PHYSICAL EDUCATION (ELR) 2 Credit Hours
(Repeatable for credit) This field-based practicum provides teacher candidates in health and physical education with approximately 100 field hours of supervised experience in a middle or high school. Under the guidance of a mentor teacher, students will observe, assist, and gradually teach lessons in health education and physical education. Emphasis is placed on planning and implementing developmentally appropriate instruction aligned with state and national standards. Aim is to transition candidates from observation to independent lesson delivery in preparation for full-time student teaching.
Pre/corequisite: HED 32543 and PEHS 45053.
Schedule Type: Practical Experience
Contact Hours: 6 other
Grade Mode: Standard Letter
Attributes: Experiential Learning Requirement

PEHS 45692 INTERNSHIP IN ATHLETIC COACHING (ELR) 2-4 Credit Hours
(Repeatable for credit) 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: PEHS 45020; and special approval.
Schedule Type: Practical Experience
Contact Hours: 6-12 other
Grade Mode: Satisfactory/Unsatisfactory-IP
Attributes: Experiential Learning Requirement

PEHS 49525 INQUIRY INTO PROFESSIONAL PRACTICE 3 Credit Hours
Seminar focused on development of those skills and knowledge which enable future teachers to engage in effective reflective, collaborative and ethical professional practice. Interdisciplinary inquiry into teaching as a professional practice in physical and health education, with an emphasis on the knowledge and skills needed for future teachers to engage in effective reflective, collaborative, and ethical professional practice.
Prerequisite: Physical education, health and sport exploration majors; and admission to advanced study.
Corequisite: PEHS 49592.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter

PEHS 49592 STUDENT TEACHING IN PHYSICAL EDUCATION, HEALTH AND SPORT EXPLORATION (ELR) 12 Credit Hours
(Repeatable for credit) This experience provides for a full semester of student teaching in a school setting that is taken with PEHS 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 before the first day of the semester in which student teaching will take place.
Prerequisite: Physical Education, Health and Sport Exploration majors; and admission to advanced study Corequisites: PEHS 49525.
Schedule Type: Practical Experience
Contact Hours: 45 other
Grade Mode: Satisfactory/Unsatisfactory-IP
Attributes: Experiential Learning Requirement

PEHS 55015 PSYCHOLOGY OF COACHING 3 Credit Hours
(Slashed with PEHS 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

PEHS 55051 ELEMENTARY SCHOOL CONTENT AND METHODS IN PHYSICAL EDUCATION 3 Credit Hours
(Slashed with PEHS 45051) This course focuses on developing in-depth content knowledge and effective teaching practices for elementary school physical education. Emphasis is placed on creating a positive learning environment, planning standards-based lessons, promoting instructional effectiveness, and assessing student learning. Students are required to complete 30 hours of field experience in an assigned school or agency. Prior to the first day of field experience, students are required to apply for and obtain a Pre-Service Teacher Permit from the State Board of Education by completing both the Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab
Contact Hours: 2 lecture, 3 lab
Grade Mode: Standard Letter

PEHS 55053 SECONDARY SCHOOL CONTENT AND METHODS IN PHYSICAL EDUCATION 3 Credit Hours
(Slashed with PEHS 45053) 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: Graduate standing; and special approval.
Corequisite: PEHS 55592.
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab
Contact Hours: 3 lecture, 2 lab
Grade Mode: Standard Letter

PEHS 55192 ELEMENTARY PRACTICUM IN PHYSICAL EDUCATION 1 Credit Hour
(Repeatable for credit) This field-based practicum provides teacher candidates in physical education with approximately 30 field hours of supervised experience in an elementary school. Under the guidance of a mentor teacher, students will observe, assist, and gradually teach lessons in physical education. Emphasis is placed on planning and implementing developmentally appropriate instruction aligned with state and national standards. Aim is to transition candidates from observation to independent lesson delivery in preparation for full-time student teaching.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Practical Experience
Contact Hours: 3 other
Grade Mode: Standard Letter

PEHS 55592 PRACTICUM IN HEALTH AND PHYSICAL EDUCATION 2 Credit Hours
(Repeatable for credit) This field-based practicum provides teacher candidates in health and physical education with approximately 100 field hours of supervised experience in a middle or high school. Under the guidance of a mentor teacher, students will observe, assist, and gradually teach lessons in health education and physical education. Emphasis is placed on planning and implementing developmentally appropriate instruction aligned with state and national standards. Aim is to transition candidates from observation to independent lesson delivery in preparation for full-time student teaching.
Prerequisite: Graduate standing; and special approval.
Corequisite: PEHS 55053.
Schedule Type: Practical Experience
Contact Hours: 6.66 other
Grade Mode: Satisfactory/Unsatisfactory

PEHS 59525 INQUIRY INTO PROFESSIONAL PRACTICE 3 Credit Hours
(Slashed with PEHS 49525) Seminar focused on development of those skills and knowledge which enable future teachers to engage in effective reflective, collaborative and ethical professional practice. Interdisciplinary inquiry into teaching as a professional practice in physical and health education, with an emphasis on the knowledge and skills needed for future teachers to engage in effective reflective, collaborative and ethical professional practice.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Seminar
Contact Hours: 3 other
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 CAREER DEVELOPMENT IN PROFESSIONAL STUDIES 3 Credit Hours
In this course students will have the opportunity to integrate educational, work and field experiences as they prepare for their future career path. This course will help students consider career options, including future professions and post-graduate education. Practical exercises to support preparation for the job market are part of the 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 an array of fields, including but not limited to, education, health and human services, communication and business 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

Teaching, Learning and Curriculum Studies (TLC)

TLCS 40093 VARIABLE TITLE WORKSHOP IN TEACHING, LEARNING AND CURRICULUM STUDIES 1-5 Credit Hours
(Slashed with TLCS 50093 and TLCS 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

TLCS 50093 VARIABLE TITLE WORKSHOP IN TEACHING, LEARNING AND CURRICULUM STUDIES 1-5 Credit Hours
(Slashed with TLCS 40093 and TLCS 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

TLCS 55020 CONTEMPORARY ATHLETIC COACHING 3 Credit Hours
(Slashed with PEHS 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

TLCS 60003 TEACHING AND LEARNING I: THEORY, RESEARCH AND EDUCATIONAL PRACTICE 3 Credit Hours
(Slashed with TLCS 80003) Course explores the connections between learning theory, educational research and instructional practice. Students examine how cognitive processes, social contexts, curriculum policy and evidence-based strategies intersect to support effective teaching and learning. Additionally, they strengthen their ability to bridge scholarly knowledge with classroom application through critical reading of research studies, analysis of instructional models and design of theory-informed practices. Attention is also be given to how educators can begin developing leadership skills that foster equitable and research-informed practices within their teaching contexts.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

TLCS 60004 TEACHING AND LEARNING II: THEORY, RESEARCH AND EDUCATIONAL PRACTICE 3 Credit Hours
(Slashed with TLCS 80004) Course examines how learning theory and educational research inform curriculum development, instructional design and educational leadership across diverse settings. Students analyze how social, cultural, embodied, environmental and motivational factors shape teaching and learning, and how leaders can leverage these insights to guide curricular and organizational change. Emphasis is placed on the roles of teacher-leaders and educational professionals in shaping equitable learning environments, integrating technology, assessing student learning and leading instructional innovation. Through applied projects, research analysis and critical reflection, students deepen their capacity to connect theory, practice and leadership in education.
Prerequisite: TLCS 60003 and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

TLCS 60005 CURRICULUM THEORIES: RESEARCH, DESIGN AND EDUCATIONAL PRACTICE 3 Credit Hours
(Slashed with TLCS 80005) Course investigates the history, theory and design of curricula in educational settings. Students explore traditional and critical curriculum theories; analyze policy and ideological influences; and develop or critique curriculum designs that align with instructional practices and sociocultural contexts.
Prerequisite: TLCS 60004 and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

TLCS 60095 SPECIAL TOPICS IN INTERNATIONAL BACCALAUREATE PROGRAM 1 Credit Hour
(Repeatable for credit) Topics vary for each offering for the International Baccalaureate program.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter

TLCS 60169 UNDERSTANDING EMERGENT BILINGUAL AND IMMIGRANT STUDENTS AND THEIR FAMILIES 3 Credit Hours
(Slashed with TLCS 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

TLCS 60171 TEACHING EMERGENT BILINGUAL AND IMMIGRANT STUDENTS 3 Credit Hours
(Slashed with TLCS 80171) General educators 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: TLCS 60169; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

TLCS 60191 VARIABLE CONTENT SEMINAR IN STEM EDUCATION 3 Credit Hours
(Repeatable for credit)(Slashed with TLCS 80191) This seminar explores selected content, which varies by term and is designed to engage students in current issues, research and innovations within STEM education.
Prerequisite: Graduate standing.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter

TLCS 60196 INDIVIDUAL INVESTIGATION IN STEM EDUCATION 3 Credit Hours
(Repeatable for credit) Independent research on a topic related to STEM education conducted under the supervision of a faculty member.
Prerequisite: Graduate standing and special approval.
Schedule Type: Individual Investigation
Contact Hours: 10.8 other
Grade Mode: Standard Letter

TLCS 60291 VARIABLE CONTENT SEMINAR IN TEACHER EDUCATION 3 Credit Hours
(Repeatable for credit)(Slashed with TLCS 80291) This seminar explores selected content, which varies by term and is designed to engage students in current issues, research and innovations within the field of teacher education.
Prerequisite: Graduate standing.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter

TLCS 60296 INDIVIDUAL INVESTIGATION IN TEACHER EDUCATION 3 Credit Hours
(Repeatable for credit) Independent research on a topic related to teacher education conducted under the supervision of a faculty member.
Prerequisite: Graduate standing and special approval.
Schedule Type: Individual Investigation
Contact Hours: 10.8 other
Grade Mode: Standard Letter

TLCS 60391 VARIABLE CONTENT SEMINAR IN LANGUAGE, LITERACY AND SOCIETY 3 Credit Hours
(Repeatable for credit)(Slashed with TLCS 80391) This seminar explores selected content, which varies by term and is designed to engage students in current issues, research and innovations within language, literacy and society.
Prerequisite: Graduate standing.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter

TLCS 60396 INDIVIDUAL INVESTIGATION IN LANGUAGE, LITERACY AND SOCIETY 3 Credit Hours
(Repeatable for credit) Independent research on a topic related to language, literacy and society conducted under the supervision of a faculty member.
Prerequisite: Graduate standing and special approval.
Schedule Type: Individual Investigation
Contact Hours: 10.8 other
Grade Mode: Standard Letter

TLCS 60491 VARIABLE CONTENT SEMINAR IN CURRICULUM AND INSTRUCTION 3 Credit Hours
(Repeatable for credit)(Slashed with TLCS 80491) This seminar explores selected content, which varies by term and is designed to engage students in current issues, research and innovations within curriculum and instruction.
Prerequisite: Graduate standing.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter

TLCS 60496 INDIVIDUAL INVESTIGATION IN CURRICULUM AND INSTRUCTION 3 Credit Hours
(Repeatable for credit) Independent research on a topic related to curriculum and instruction conducted under the supervision of a faculty member.
Prerequisite: Graduate standing and special approval.
Schedule Type: Individual Investigation
Contact Hours: 10.8 other
Grade Mode: Standard Letter

TLCS 61130 MULTICULTURAL EDUCATION 3 Credit Hours
(Slashed with TLCS 81130) 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

TLCS 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.
Prerequisite: Graduate standing; and admission in the Alternative Licensure Professional Development Institute non-degree program (Science, Mathematics, Social Studies, English/Language Arts).
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter-IP

TLCS 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.
Prerequisite: Graduate standing; and admission in the Alternative Licensure Professional Development Institute non-degree program (Science, Mathematics, Social Studies, English/Language Arts).
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter-IP

TLCS 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.
Prerequisite: Graduate standing; and admission in the Alternative Licensure Professional Development Institute non-degree program (Science, Mathematics, Social Studies, English/Language Arts).
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter-IP

TLCS 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.
Prerequisite: Graduate standing; and admission in the Alternative Licensure Professional Development Institute non-degree program (Science, Mathematics, Social Studies, English/Language Arts).
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter-IP

TLCS 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.
Prerequisite: Graduate standing; and admission in the Alternative Licensure Professional Development Institute non-degree program (English/Language Arts).
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter-IP

TLCS 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; and admission in the Alternative Licensure Professional Development Institute non-degree program (Mathematics).
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter-IP

TLCS 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.
Prerequisite: Graduate standing; and admission in the Alternative Licensure Professional Development Institute non-degree program (Science).
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter-IP

TLCS 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.
Prerequisite: Graduate standing; and admission in the Alternative Licensure Professional Development Institute non-degree program (Social Studies).
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter-IP

TLCS 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.
Prerequisite: Graduate standing; and admission in the Alternative Licensure Professional Development Institute non-degree program (English/Language Arts).
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter-IP

TLCS 67001 FUNDAMENTALS OF CURRICULUM 3 Credit Hours
(Slashed with TLCS 87001) 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

TLCS 67002 CURRICULUM LEADERSHIP 3 Credit Hours
(Slashed with TLCS 87002) 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: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

TLCS 67004 PROFESSIONAL LEARNING IN EDUCATION 3 Credit Hours
(Slashed with TLCS 87004) Course provides a theoretical and research-based understanding of principles and best practices for professional learning of preK-16 teachers.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

TLCS 67005 INTERCULTURAL DIMENSIONS OF TEACHING AND LEARNING 3 Credit Hours
(Slashed with TLCS 87005) 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

TLCS 67010 CURRICULUM EVALUATION 3 Credit Hours
(Slashed with TLCS 87010) 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

TLCS 67096 INDIVIDUAL INVESTIGATION IN TEACHING, LEARNING AND CURRICULUM STUDIES 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: 3.6-18 other
Grade Mode: Standard Letter-IP

TLCS 67098 RESEARCH IN TEACHING, LEARNING AND CURRICULUM 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

TLCS 67105 IMPROVING CLASSROOM INSTRUCTION 3 Credit Hours
(Slashed with TLCS 87105) 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

TLCS 67310 THEORY AND PRACTICE IN THE TEACHING OF READING 3 Credit Hours
(Slashed with TLCS 87310) 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

TLCS 67312 TEACHING WRITING AS A PROCESS 3 Credit Hours
(Slashed with TLCS 87312) 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

TLCS 67319 DIAGNOSIS AND REMEDIATION IN READING 3 Credit Hours
(Slashed with TLCS 87319) 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: TLCS 67310; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

TLCS 67330 LITERACY IN THE CONTENT AREAS 3 Credit Hours
(Slashed with TLCS 87330) 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

TLCS 67351 PERSPECTIVES ON EDUCATIONAL RESEARCH 3 Credit Hours
(Slashed with TLCS 87351) Inquiry into basic concepts and agendas for research through a study of historical, landmark and ground-breaking studies in education.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

TLCS 67352 INSTRUCTIONAL COACHING 3 Credit Hours
(Slashed with TLCS 87352) Focus on principles and strategies related to instructional coaching, within classrooms, schools and districts.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

TLCS 67353 TEACHING LITERATURE, GRADES K-12 3 Credit Hours
(Slashed with TLCS 87353) Course explores the history and evolution of children's, middle grades and young adult literature. Strategies for selection and use in classrooms, kindergarten through 12th grade.
Prerequisite: Literacy Specialization major; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

TLCS 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: 3.6-18 other
Grade Mode: Satisfactory/Unsatisfactory

TLCS 67399 TEACHER AS EDUCATIONAL RESEARCHER 3 Credit Hours
Capstone experience in master's program in which students pursue an individualized research program.
Prerequisite: TLCS 67351; and graduate standing.
Schedule Type: Lecture, Project or Capstone
Contact Hours: 3 lecture
Grade Mode: Standard Letter

TLCS 70093 VARIABLE TITLE WORKSHOP IN TEACHING, LEARNING AND CURRICULUM STUDIES 1-5 Credit Hours
(Slashed with TLCS 40093 and TLCS 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: 1-5 other
Grade Mode: Satisfactory/Unsatisfactory

TLCS 77096 INDIVIDUAL INVESTIGATION IN TEACHING, LEARNING AND CURRICULUM STUDIES 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 program coordinator approval.
Schedule Type: Individual Investigation
Contact Hours: 3.6-18 other
Grade Mode: Standard Letter-IP

TLCS 80001 PROSEMINAR I: INTRODUCTION TO DOCTORAL STUDIES IN EDUCATION 3 Credit Hours
The first course in this seminar sequence provides an essential foundation for first-year Ph.D. students, guiding them through the structure, expectations and resources of the doctoral program. Students engage with faculty members, gain insights into diverse research areas and explore opportunities for collaboration within and beyond the program. Through these interactions, students develop a clearer understanding of their research pathways and the community they are joining. In the second half of the semester, the course shifts focus to introduce foundational scholarly reading and writing skills, equipping students with strategies for analyzing academic texts and managing research literature.
Prerequisite: Doctoral standing.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter

TLCS 80002 PROSEMINAR II: THEORY AND RESEARCH IN EDUCATIONAL PRACTICE 3 Credit Hours
This is the second of two proseminar courses. Building on the foundational knowledge gained in TLCS 80001, this course introduces students to multidisciplinary educational theory and research. Students deepen their understanding of research paradigms, critique research literature, explore advanced methodological concepts and engage in reflective academic practice, while continuing development into effective and collaborative scholars.
Prerequisite: TLCS 80001; and doctoral standing.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter

TLCS 80003 TEACHING AND LEARNING I: THEORY, RESEARCH AND EDUCATIONAL PRACTICE 3 Credit Hours
(Slashed with TLCS 60003) Course explores the connections between learning theory, educational research and instructional practice. Students examine how cognitive processes, social contexts, curriculum policy and evidence-based strategies intersect to support effective teaching and learning. Additionally, they strengthen their ability to bridge scholarly knowledge with classroom application through critical reading of research studies, analysis of instructional models and design of theory-informed practices. Attention is also be given to how educators can begin developing leadership skills that foster equitable and research-informed practices within their teaching contexts.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

TLCS 80004 TEACHING AND LEARNING II: THEORY, RESEARCH AND EDUCATIONAL PRACTICE 3 Credit Hours
(Slashed with TLCS 60004) Course examines how learning theory and educational research inform curriculum development, instructional design and educational leadership across diverse settings. Students analyze how social, cultural, embodied, environmental and motivational factors shape teaching and learning, and how leaders can leverage these insights to guide curricular and organizational change. Emphasis is placed on the roles of teacher-leaders and educational professionals in shaping equitable learning environments, integrating technology, assessing student learning and leading instructional innovation. Through applied projects, research analysis and critical reflection, students deepen their capacity to connect theory, practice and leadership in education.
Prerequisite: TLCS 80003; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

TLCS 80005 CURRICULUM THEORIES: RESEARCH, DESIGN AND EDUCATIONAL PRACTICE 3 Credit Hours
(Slashed with TLCS 60005) Course investigates the history, theory and design of curricula in educational settings. Students explore traditional and critical curriculum theories; analyze policy and ideological influences; and develop or critique curriculum designs that align with instructional practices and sociocultural contexts.
Prerequisite: TLCS 80004; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

TLCS 80006 EMERGING ISSUES AND TRENDS IN EDUCATIONAL RESEARCH 3 Credit Hours
This seminar examines current and future trends in educational research and practice, including methodological innovation, data ethics, artificial intelligence, equity, policy impact and emerging theoretical frameworks. Students critically analyze contemporary issues, reflect on their implications for diverse learners and explore how these shape their own research agendas and the broader field.
Prerequisite: TLCS 80005; and doctoral standing.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter

TLCS 80007 SEMINAR IN EDUCATIONAL RESEARCH 3 Credit Hours
This culminating seminar supports doctoral students in designing and conducting a pilot research study in preparation for their dissertation. Emphasis is placed on refining research questions, selecting appropriate methodologies, adhering to ethical standards, collecting and analyzing data and presenting findings in written and oral formats. Students complete a formal research report and present their results to faculty and peers. The course also supports advanced development in researcher identity and capacity.
Prerequisite: TLCS 80006 and doctoral standing.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter

TLCS 80169 UNDERSTANDING EMERGENT BILINGUAL AND IMMIGRANT STUDENTS AND THEIR FAMILIES 3 Credit Hours
(Slashed with TLCS 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

TLCS 80171 TEACHING EMERGENT BILINGUAL AND IMMIGRANT STUDENTS 3 Credit Hours
(Slashed with TLCS 60171) General educators 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

TLCS 80191 VARIABLE CONTENT SEMINAR IN STEM EDUCATION 3 Credit Hours
(Repeatable for credit)(Slashed with TLCS 60191) This seminar explores selected content, which varies by term and is designed to engage students in current issues, research and innovations within STEM education.
Prerequisite: Doctoral standing.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter

TLCS 80196 INDIVIDUAL INVESTIGATION IN STEM EDUCATION 3 Credit Hours
(Repeatable for credit) Independent research on a topic related to STEM education conducted under the supervision of a faculty member.
Prerequisite: Doctoral standing and special approval.
Schedule Type: Individual Investigation
Contact Hours: 10.8 other
Grade Mode: Standard Letter

TLCS 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

TLCS 80291 VARIABLE CONTENT SEMINAR IN TEACHER EDUCATION 3 Credit Hours
(Repeatable for credit)(Slashed with TLCS 60291) This seminar explores selected content, which varies by term and is designed to engage students in current issues, research and innovations within the field of teacher education.
Prerequisite: Doctoral standing.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter

TLCS 80296 INDIVIDUAL INVESTIGATION IN TEACHER EDUCATION 3 Credit Hours
(Repeatable for credit) Independent research on a topic related to teacher education conducted under the supervision of a faculty member.
Prerequisite: Doctoral standing and special approval.
Schedule Type: Individual Investigation
Contact Hours: 10.8 other
Grade Mode: Standard Letter

TLCS 80299 DISSERTATION II 15 Credit Hours
(Repeatable for credit) Continuing registration required of doctoral students who have completed the initial 30 credit hours of dissertation and continuing until all degree requirements are met.
Prerequisite: TLCS 80199; and doctoral standing.
Schedule Type: Dissertation
Contact Hours: 15 other
Grade Mode: Satisfactory/Unsatisfactory-IP

TLCS 80391 VARIABLE CONTENT SEMINAR IN LANGUAGE, LITERACY AND SOCIETY 3 Credit Hours
(Repeatable for credit)(Slashed with TLCS 60391) This seminar explores selected content, which varies by term and is designed to engage students in current issues, research and innovations within language, literacy and society.
Prerequisite: Doctoral standing.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter

TLCS 80396 INDIVIDUAL INVESTIGATION IN LANGUAGE, LITERACY AND SOCIETY 3 Credit Hours
(Repeatable for credit) Independent research on a topic related to language, literacy and society conducted under the supervision of a faculty member.
Prerequisite: Doctoral standing and special approval.
Schedule Type: Individual Investigation
Contact Hours: 10.8 other
Grade Mode: Standard Letter

TLCS 80491 VARIABLE CONTENT SEMINAR IN CURRICULUM AND INSTRUCTION 3 Credit Hours
(Repeatable for credit)(Slashed with TLCS 60491) This seminar explores selected content, which varies by term and is designed to engage students in current issues, research and innovations within curriculum and instruction.
Prerequisite: Doctoral standing.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter

TLCS 80496 INDIVIDUAL INVESTIGATION IN CURRICULUM AND INSTRUCTION 3 Credit Hours
(Repeatable for credit) Independent research on a topic related to curriculum and instruction conducted under the supervision of a faculty member.
Prerequisite: Doctoral standing and special approval.
Schedule Type: Individual Investigation
Contact Hours: 10.8 other
Grade Mode: Standard Letter

TLCS 81130 MULTICULTURAL EDUCATION 3 Credit Hours
(Slashed with TLCS 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

TLCS 87001 FUNDAMENTALS OF CURRICULUM 3 Credit Hours
(Slashed with TLCS 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

TLCS 87002 CURRICULUM LEADERSHIP 3 Credit Hours
(Slashed with TLCS 67002) 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: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

TLCS 87003 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 lecture
Grade Mode: Standard Letter

TLCS 87004 PROFESSIONAL LEARNING IN EDUCATION 3 Credit Hours
(Slashed with TLCS 67004) Course provides a theoretical and research-based understanding of principles and best practices for professional learning of preK-16 teachers.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

TLCS 87005 INTERCULTURAL DIMENSIONS OF TEACHING AND LEARNING 3 Credit Hours
(Slashed with TLCS 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

TLCS 87010 CURRICULUM EVALUATION 3 Credit Hours
(Slashed with TLCS 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

TLCS 87098 RESEARCH IN TEACHING, LEARNING AND CURRICULUM STUDIES 1-9 Credit Hours
(Repeatable for credit) Research for doctoral students who have not yet passed their comprehensive (candidacy) examination.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Research
Contact Hours: 3.6-32.4 other
Grade Mode: Satisfactory/Unsatisfactory-IP

TLCS 87105 IMPROVING CLASSROOM INSTRUCTION 3 Credit Hours
(Slashed with TLCS 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

TLCS 87310 THEORY AND PRACTICE IN THE TEACHING OF READING 3 Credit Hours
(Slashed with TLCS 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

TLCS 87312 TEACHING WRITING AS A PROCESS 3 Credit Hours
(Slashed with TLCS 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

TLCS 87319 DIAGNOSIS AND REMEDIATION IN READING 3 Credit Hours
(Slashed with TLCS 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: TLCS 87310; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

TLCS 87330 LITERACY IN THE CONTENT AREAS 3 Credit Hours
(Slashed with TLCS 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

TLCS 87351 PERSPECTIVES ON EDUCATIONAL RESEARCH 3 Credit Hours
(Slashed with TLCS 67351) Inquiry into basic concepts and agendas for research through a study of historical, landmark and ground-breaking studies in education.
Prerequisite: Teaching, Learning and Curriculum Studies major; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

TLCS 87352 INSTRUCTIONAL COACHING 3 Credit Hours
(Slashed with TLCS 67352) Focus on principles and strategies related to instructional coaching, within classrooms, schools and districts.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

TLCS 87353 TEACHING LITERATURE, GRADES K-12 3 Credit Hours
(Slashed with TLCS 67353) Course explores the history and evolution of children's, middle grades and young adult literature. Strategies for selection and use in classrooms, kindergarten through 12th grade.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

TLCS 87396 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: 3.6-18 other
Grade Mode: Satisfactory/Unsatisfactory

TLCS 87692 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: TLCS 87319; and doctoral standing; and special approval.
Schedule Type: Practical Experience
Contact Hours: 9 other
Grade Mode: Standard Letter