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 related technology courses, test construction, standardized and nonstandardized test procedures. This course includes 10 field/clinical hours.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CTTE 40093  VARIABLE TOPIC WORKSHOP IN CAREER TECHNICAL EDUCATION  1-5 Credit Hours
(Repeatable for credit) (Cross-listed with CTTE 50093 and CTTE 70093) Topics of special interest to students desiring to intensify their knowledge in a particular area of career technical education.
Prerequisite: Department permission.
Schedule Type: Workshop
Contact Hours: 1-5 other
Grade Mode: Satisfactory/Unsatisfactory

CTTE 45372  ISSUES IN CAREER TECHNICAL EDUCATION SUBJECTS  3 Credit Hours
(Cross-listed with CTTE 55372) Exploration of issues and trends unique to specific career technical education subjects.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CTTE 45377  CAREER AND TECHNICAL EDUCATION: ADVANCED METHODOLOGIES  3 Credit Hours
Selection, organization and presentation of subject matter pertaining to specific subjects in career and technical education. Emphasis on methods and techniques through theory and practice. Course includes 30 field clinical hours. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school/agency before the first day of the semester in which student teaching/ internship will take place.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CTTE 46001  ORGANIZATION OF CAREER AND TECHNICAL EDUCATION (WIC)  3 Credit Hours
(Cross-listed with CTTE 56001) Study of the principles and subject areas related to career and technical education at middle school, secondary and adult education levels.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
Attributes: Writing Intensive Course

CTTE 46002  IN-SERVICE TEACHING (ELR)  3 Credit Hours
(Cross-listed with CTTE 56002) Overview of teaching process in career technical teacher education. Emphasizes techniques of skill development and assessment, includes organizing for instruction, individual behavior, organizational relationships and application steps.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
Attributes: Experiential Learning Requirement

CTTE 46015  METHODS OF CAREER AND TECHNICAL EDUCATION  3 Credit Hours
(Cross-listed with CTTE 56015) Organization and management of classroom and laboratory; includes purchasing equipment and supplies, safety instruction planning, establishing policies, maintaining records, and individual and group instructional strategies.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CTTE 46017  STUDENT-CENTERED LEADERSHIP IN CAREER TECHNICAL EDUCATION  3 Credit Hours
Study of the role of leadership and youth organizations in Career Technical Education with emphasis on the organization and purpose of student leadership and the role of the advisor related to leadership in career technical education.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CTTE 46018  DISADVANTAGED YOUTH IN CAREER TECHNICAL EDUCATION (WIC)  3 Credit Hours
(Cross-listed with CTTE 56018) Developing an understanding of disadvantaged youth stressing their characteristics as they pertain to career technical education program. This course is restricted to Trade & Industrial majors, students registered in the undergraduate Career-Technical Teacher certificate, of those working on a Career-Based Intervention endorsement.
Prerequisite: trade and industrial education (TIED) majors or career-technical teacher education (C205) certificate.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
Attributes: Writing Intensive Course

CTTE 46019  COORDINATION OF CAREER TECHNICAL COOPERATIVE EDUCATION PROGRAMS  3 Credit Hours
(Cross-listed 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 46031 STUDENT TEACHING IN CAREER TECHNICAL EDUCATION (ELR) 9 Credit Hours
Provides a 12 week student teaching experience in a career-technical program 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. L.I.C.E. Training must be presented to the campus office of clinical experience or designated faculty-staff at regional campuses as prerequisite for student teaching.
Prerequisite: admission to advanced study, and Trade and Industrial Education (TIED) major, and official valid certification of Child Safety Training, approved Basic Life Support and A.
Corequisite: CTTE 49525.
Schedule Type: Practicum or Internship
Contact Hours: 32 other
Grade Mode: Satisfactory/Unsatisfactory-IP
Attributes: Experiential Learning Requirement

CTTE 46095 SPECIAL TOPICS IN CAREER TECHNICAL EDUCATION 1-3 Credit Hours
(Repeatable for credit) Specialized offerings in response to emerging or selected program needs in career-technical education.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 1-3 lecture
Grade Mode: Standard Letter

CTTE 46096 INDIVIDUAL INVESTIGATION IN CAREER TECHNICAL EDUCATION 1-3 Credit Hours
(Repeatable for credit) (Cross-listed with CTTE 56096) An individual investigation into problems and topics in career technical education. The investigation is pursued on an individual basis with an assigned faculty member.
Prerequisite: None.
Schedule Type: Individual Investigation
Contact Hours: 1-3 other
Grade Mode: Satisfactory/Unsatisfactory

CTTE 49525 INQUIRY INTO PROFESSIONAL PRACTICE 3 Credit Hours
Interdisciplinary inquiry into career/technical teaching as a professional practice in education; emphasis on teacher as disciplined investigator. Final course of four. Combination of themes utilization of teaching learning technologies.
Prerequisite: Admission to advanced study.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CTTE 50093 VARIABLE TOPIC WORKSHOP IN CAREER TECHNICAL EDUCATION 1-5 Credit Hours
(Repeatable for credit) (Cross-listed with CTTE 40093 and CTTE 70093) Topics of special interest to students desiring to intensify their knowledge in a particular area or areas of career technical education.
Prerequisite: Graduate standing and special approval.
Schedule Type: Workshop
Contact Hours: 1-5 other
Grade Mode: Satisfactory/Unsatisfactory

CTTE 55372 ISSUES IN CAREER TECHNICAL EDUCATION SUBJECTS 3 Credit Hours
(Cross-listed 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
(Cross-listed with CTTE 45377) Selection, organization and presentation of subject matter pertaining to specific subjects in career and technical education. Emphasis on methods and techniques through theory and practice. Course includes 30 field clinical hours.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CTTE 56001 ORGANIZATION OF CAREER AND TECHNICAL EDUCATION 3 Credit Hours
(Cross-listed with CTTE 46001) Study of the principles and subject areas related to career and technical education at middle school, secondary and adult education levels.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CTTE 56002 IN-SERVICE TEACHING 3 Credit Hours
(Cross-listed with CTTE 46002) Overview of teaching process in career technical teacher education. Emphasizes techniques of skill development and assessment, includes organizing for instruction, individual behavior, organizational relationships and application steps.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CTTE 56015 METHODS OF CAREER AND TECHNICAL EDUCATION 3 Credit Hours
(Cross-listed 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 
(Cross-listed 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 
(Cross-listed 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 
(Cross-listed 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 56031  STUDENT TEACHING IN CAREER TECHNICAL EDUCATION 
9 Credit Hours 
Provides a 12 week student teaching experience in a career-technical program 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. L.I.C.E. Training must be presented to the campus office of clinical experience or designated faculty/staff at regional campuses as prerequisite for student teaching. 
Prerequisite: special approval, and graduate standing; and major in career and technical teacher education (CTTE), and official valid certification of Child Safety Training, approved Basic Life Support and A. 
Corequisite: CTTE 59525. 
Schedule Type: Practicum or Internship 
Contact Hours: 32 other 
Grade Mode: Satisfactory/Unsatisfactory-IP 

CTTE 56095  SPECIAL TOPICS IN CAREER TECHNICAL EDUCATION 
1-3 Credit Hours 
(Repeatable for credit) Specialized offerings in response to emerging or selected program needs in career-technical education. 
Prerequisite: Graduate standing and special approval. 
Schedule Type: Lecture 
Contact Hours: 1-3 lecture 
Grade Mode: Standard Letter 

CTTE 56096  INDIVIDUAL INVESTIGATION IN CAREER TECHNICAL 
EDUCATION  1-3 Credit Hours 
(Repeatable for credit) (Cross-listed with CTTE 46096) An individual investigation into problems and topics in career technical education. The investigation is pursued on an individual basis with an assigned faculty member. 
Prerequisite: Special approval and graduate standing. 
Schedule Type: Individual Investigation 
Contact Hours: 1-3 other 
Grade Mode: Satisfactory/Unsatisfactory 

CTTE 59525  INQUIRY INTO PROFESSIONAL PRACTICE  3 Credit 
Hours 
(Cross-listed with CTTE 49525) Interdisciplinary inquiry into career/technical teaching as a professional practice in education; emphasis on teacher as disciplined investigator. Final course of four. Combination of themes; utilization of teaching/learning technologies. 
Prerequisite: Graduate standing. 
Schedule Type: Lecture 
Contact Hours: 3 lecture 
Grade Mode: Standard Letter 

CTTE 60199  THESIS I  2-6 Credit Hours 
Thesis students must register for a total of 6 hours, 2 to 6 hours in a single semester distributed over several semesters if desired. 
Prerequisite: Graduate standing and special approval. 
Schedule Type: Masters Thesis 
Contact Hours: 2-6 other 
Grade Mode: Satisfactory/Unsatisfactory-IP 

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

CTTE 66001  PRINCIPLES AND PRACTICES IN CAREER TECHNICAL 
EDUCATION  3 Credit Hours 
Study of principles, current practices and trends relating to modern programs of career technical education and relationships to the total plan of public education. 
Prerequisite: Graduate standing. 
Schedule Type: Lecture 
Contact Hours: 3 lecture 
Grade Mode: Standard Letter
CTTE 66003 ANALYSIS OF HUMAN RESOURCE DEVELOPMENT  3 Credit Hours
Provides analysis of human resource development from global,national state and local perspectives including social economic political and 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 76095 SPECIAL TOPICS IN CAREER-TECHNICAL EDUCATION  1-3 Credit Hours
(Repeatable for credit)Specialized offerings in response to emerging or selected program needs in career-technical education.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 1-3 lecture
Grade Mode: Standard Letter

CTTE 76096 INDIVIDUAL INVESTIGATION IN CAREER-TECHNICAL EDUCATION  1-3 Credit Hours
(Repeatable for credit) (Cross-listed with CTTE 66096) An investigation into problems and topics in career technical education. The investigation is pursued on an individual basis with an assigned faculty member.
Prerequisite: Doctoral standing and special approval.
Schedule Type: Individual Investigation
Contact Hours: 1-3 other
Grade Mode: Satisfactory/Unsatisfactory

CTTE 86098 ADVANCED RESEARCH IN CAREER-TECHNICAL EDUCATION  1-15 Credit Hours
(Repeatable for credit)Student pursues an individual research project on a specialized career technical education topic with approval and under the direction of an instructor.
Prerequisite: Doctoral standing and special approval.
Schedule Type: Research
Contact Hours: 1-15 other
Grade Mode: Satisfactory/Unsatisfactory-IP