CAREER AND TECHNICAL TEACHER EDUCATION (CTTE)

CTTE 36014 EVALUATION PRACTICES IN CAREER TECHNICAL EDUCATION 3 Credit Hours
Study and construction of evaluation devices for use in laboratory and related technology courses, test construction, standardized and nonstandardized test procedures. This course includes 10 field/clinical hours.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

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

CTTE 44092 IN-SERVICE TEACHING - PRACTICUM (ELR) 2 Credit Hours
(Slashed with CTTE 54092) This course provides an overview of/and practice in the concepts necessary to plan, organize and implement meaningful instruction in the laboratory and related classroom. The course provides an opportunity for students to apply classroom management skills as they get one-on-one support from the teacher educators.
Prerequisite: None.
Schedule Type: Practical Experience
Contact Hours: 36 other
Grade Mode: Standard Letter
Attributes: Experiential Learning Requirement

CTTE 44099 IN-SERVICE TEACHING - CAPSTONE (ELR) 1 Credit Hour
(Slashed with CTTE 54099) The capstone course provides students an opportunity to demonstrate their knowledge and growth as a career technical education teacher; it essentially provides an opportunity for students to show how they integrate and apply knowledge from their career technical education licensure courses into their responsibilities as teachers. The course will assess the extent to which the students meet the Ohio Standards for the Teaching Profession, through an electronic portfolio and instructional videos from the student as evidence.
Prerequisite: None.
Schedule Type: Project or Capstone
Contact Hours: 1 other
Grade Mode: Standard Letter
Attributes: Experiential Learning Requirement

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

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

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

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

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

CTTE 46017 STUDENT-CENTERED LEADERSHIP IN CAREER TECHNICAL EDUCATION 3 Credit Hours
Study of the role of leadership and youth organizations in Career Technical Education with emphasis on the organization and purpose of student leadership and the role of the advisor related to leadership in career technical education.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
CTTE 46018  DISADVANTAGED YOUTH IN CAREER TECHNICAL EDUCATION (WIC)  3 Credit Hours  
(Slashed with CTTE 56018) Developing an understanding of disadvantaged youth stressing their characteristics as they pertain to career technical education program. This course is restricted to Trade & Industrial majors, students registered in the undergraduate Career-Technical Teacher certificate, of those working on a Career-Based Intervention endorsement.  
Prerequisite: Trade and Industrial Education majors or Career-Technical Teacher Education (C205) certificate.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  
Attributes: Writing Intensive Course  

CTTE 46019  COORDINATION OF CAREER TECHNICAL COOPERATIVE EDUCATION PROGRAMS  3 Credit Hours  
(Slashed with CTTE 56019) Reviews duties, problems, techniques of home, school and work coordination. Internship site selection, job development, servicing the job station, coordinating classroom and work experience. A study of important linkage to local business/industry and education support agencies for career and technical development.  
Prerequisite: None.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  

CTTE 46020  CURRICULUM GUIDE:DESIGN AND APPLICATION  3 Credit Hours  
Methods and techniques involved in developing and utilizing a curriculum guide in career and technical education subjects. This course includes 15 field/clinical hours. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school/agency before the first day of the semester in which student teaching/ internship will take place.  
Prerequisite: None.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  

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

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

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

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

CTTE 54092  IN-SERVICE TEACHING - PRACTICUM  2 Credit Hours  
(Slashed with CTTE 44092) This course provides an overview of/and practice in the concepts necessary to plan, organize and implement meaningful instruction in the laboratory and related classroom. The course provides an opportunity for students to apply classroom management skills and as they get one-on-one support from the teacher educators.  
Prerequisite: Graduate standing.  
Schedule Type: Practical Experience  
Contact Hours: 36 other  
Grade Mode: Standard Letter  

CTTE 54099  IN-SERVICE TEACHING - CAPSTONE  1 Credit Hour  
(Slashed with CTTE 44099) The capstone course provides students an opportunity to demonstrate their knowledge and growth as a career technical education teacher; it essentially provides an opportunity for students to show how they integrate and apply knowledge from their career technical education licensure courses into their responsibilities as teachers. The course will assess the extent to which the students meet the Ohio Standards for the Teaching Profession, through an electronic portfolio and instructional videos from the student as evidence.  
Prerequisite: Graduate standing.  
Schedule Type: Project or Capstone  
Contact Hours: 1 other  
Grade Mode: Standard Letter  

CTTE 55372  ISSUES IN CAREER TECHNICAL EDUCATION SUBJECTS  3 Credit Hours  
(Slashed with CTTE 45372) Exploration of issues and trends unique to specific career-technical education subjects.  
Prerequisite: Graduate standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter
CTTE 55377  CAREER AND TECHNICAL EDUCATION:ADVANCED
METHODOLOGIES  3 Credit Hours
(Slashed with CTTE 45377) Selection, organization and presentation of
subject matter pertaining to specific subjects in career and technical
education. Emphasis on methods and techniques through theory and
practice. Course includes 30 field clinical hours.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

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

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

CTTE 56015  METHODS OF CAREER AND TECHNICAL EDUCATION  3
Credit Hours
(Slashed with CTTE 46015) Organization and management of classroom
and laboratory; includes purchasing equipment and supplies, safety
instruction planning, establishing policies, maintaining records, and
individual and group instructional strategies.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CTTE 56017  STUDENT-CENTERED LEADERSHIP IN CAREER
TECHNICAL EDUCATION  3 Credit Hours
Study of the role of leadership and youth organizations in Career
Technical Education with emphasis on the organization and purpose of
student leadership and the role of the advisor related to leadership in
career technical education.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CTTE 56018  DISADVANTAGED YOUTH IN CAREER TECHNICAL
EDUCATION  3 Credit Hours
(Slashed with CTTE 46018) Developing an understanding of
disadvantaged youth stressing their characteristics as they pertain to
career technical education programs.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CTTE 56019  COORDINATION OF CAREER TECHNICAL COOPERATIVE
EDUCATION PROGRAMS  3 Credit Hours
(Slashed with CTTE 46019) Reviews duties, problems, techniques of
home, school and work coordination. Internship site selection, job
development, servicing the job station, coordinating classroom and work
experience. A study of important linkage to local business/ industry and
education support agencies for career and technical development.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CTTE 56020  CURRICULUM GUIDE: DESIGN AND APPLICATION  3
Credit Hours
(Slashed with CTTE 46020) Methods and techniques involved in
developing and utilizing a curriculum guide in career and technical
education subjects. This course includes 15 field clinical hours.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

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

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

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

CTTE 60199  THESIS I  2-6 Credit Hours
Thesis students must register for a total of 6 hours, 2 to 6 hours in a
single semester distributed over several semesters if desired.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Masters Thesis
Contact Hours: 2-6 other
Grade Mode: Satisfactory/Unsatisfactory-IP
CTTE 60299  THESIS II  2 Credit Hours
Thesis students must continue registration each semester until all degree requirements are met.
Prerequisite: CTTE 60199; and graduate standing.
Schedule Type: Masters Thesis
Contact Hours: 2 other
Grade Mode: Satisfactory/Unsatisfactory-IP

CTTE 66001  PRINCIPLES AND PRACTICES IN CAREER TECHNICAL EDUCATION  3 Credit Hours
Study of principles, current practices and trends relating to modern programs of career technical education and relationships to the total plan of public education.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CTTE 66003  ANALYSIS OF HUMAN RESOURCE DEVELOPMENT  3 Credit Hours
Provides analysis of human resource development from global, national state and local perspectives including social economic political and demographic influences. Includes the application of the contemporary workforce to engage in life long learning to keep career and technical skills updated.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CTTE 66004  PROGRAM EVALUATION IN CAREER TECHNICAL EDUCATION  3 Credit Hours
Designed to provide the skills and knowledge necessary to evaluate the effectiveness and efficiency of career-technical education curriculum programs personnel.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CTTE 66005  SPECIAL POPULATIONS IN CAREER TECHNICAL EDUCATION  3 Credit Hours
A study of the special populations student in career technical education programs emphasizing characteristics, curriculum modification, instruction and job placement.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CTTE 66095  SPECIAL TOPICS IN CAREER-TECHNICAL EDUCATION  1-3 Credit Hours
(Repeatable for credit)Specialized offerings in response to emerging or selected program needs in career-technical education.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 1-3 lecture
Grade Mode: Standard Letter

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

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

CTTE 76095  SPECIAL TOPICS IN CAREER-TECHNICAL EDUCATION  1-3 Credit Hours
(Repeatable for credit)Specialized offerings in response to emerging or selected program needs in career-technical education.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 1-3 lecture
Grade Mode: Standard Letter

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

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