

# CAREER AND TECHNICAL TEACHER EDUCATION (CTTE)

## CTTE 36014 EVALUATION PRACTICES IN CAREER TECHNICAL EDUCATION 3 Credit Hours

Study and construction of evaluation devices for use in laboratory and related technology courses, test construction, standardized and nonstandardized test procedures. This course includes 10 field/clinical hours.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

## CTTE 40093 VARIABLE TOPIC WORKSHOP IN CAREER TECHNICAL EDUCATION 1-5 Credit Hours

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

Topics of special interest to students desiring to intensify their knowledge in a particular area of career technical education.

**Prerequisite:** Department permission.

**Schedule Type:** Workshop

**Contact Hours:** 1-5 other

**Grade Mode:** Satisfactory/Unsatisfactory

## CTTE 44092 IN-SERVICE TEACHING - PRACTICUM (ELR) 2 Credit Hours

(Slashed with CTTE 54092) This course provides an overview of/and practice in the concepts necessary to plan, organize and implement meaningful instruction in the laboratory and related classroom. The course provides an opportunity for students to apply classroom management skills as they get one-on-one support from the teacher educators.

**Prerequisite:** None.

**Schedule Type:** Practical Experience

**Contact Hours:** 36 other

**Grade Mode:** Standard Letter

**Attributes:** Experiential Learning Requirement

## CTTE 44099 IN-SERVICE TEACHING - CAPSTONE (ELR) 1 Credit Hour

(Slashed with CTTE 54099) The capstone course provides students an opportunity to demonstrate their knowledge and growth as a career technical education teacher; it essentially provides an opportunity for students to show how they integrate and apply knowledge from their career technical education licensure courses into their responsibilities as teachers. The course will assess the extent to which the students meet the Ohio Standards for the Teaching Profession, through an electronic portfolio and instructional videos from the student as evidence.

**Prerequisite:** None.

**Schedule Type:** Project or Capstone

**Contact Hours:** 1 other

**Grade Mode:** Standard Letter

**Attributes:** Experiential Learning Requirement

## CTTE 45372 ISSUES IN CAREER TECHNICAL EDUCATION SUBJECTS 3 Credit Hours

(Slashed with CTTE 55372) Exploration of issues and trends unique to specific career technical education subjects.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

## CTTE 45377 CAREER AND TECHNICAL EDUCATION: ADVANCED METHODOLOGIES 3 Credit Hours

Selection, organization and presentation of subject matter pertaining to specific subjects in career and technical education. Emphasis on methods and techniques through theory and practice. Course includes 30 field/clinical hours. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school/agency before the first day of the semester in which student teaching/ internship will take place.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

## CTTE 46001 ORGANIZATION OF CAREER AND TECHNICAL EDUCATION (WIC) 3 Credit Hours

(Slashed with CTTE 56001) Study of the principles and subject areas related to career and technical education at middle school, secondary and adult education levels.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**Attributes:** Writing Intensive Course

## CTTE 46002 IN-SERVICE TEACHING (ELR) 3 Credit Hours

(Slashed with CTTE 56002) Overview of teaching process in career technical teacher education. Emphasizes techniques of skill development and assessment, includes organizing for instruction, individual behavior, organizational relationships and application steps.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**Attributes:** Experiential Learning Requirement

## CTTE 46015 METHODS OF CAREER AND TECHNICAL EDUCATION 3 Credit Hours

(Slashed with CTTE 56015) Organization and management of classroom and laboratory; includes purchasing equipment and supplies, safety instruction planning, establishing policies, maintaining records, and individual and group instructional strategies.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

## CTTE 46017 STUDENT-CENTERED LEADERSHIP IN CAREER TECHNICAL EDUCATION 3 Credit Hours

Study of the role of leadership and youth organizations in Career Technical Education with emphasis on the organization and purpose of student leadership and the role of the advisor related to leadership in career technical education.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CTTE 46018 DISADVANTAGED YOUTH IN CAREER TECHNICAL EDUCATION (WIC) 3 Credit Hours**

(Slashed with CTTE 56018) Developing an understanding of disadvantaged youth stressing their characteristics as they pertain to career technical education program. This course is restricted to Trade & Industrial majors, students registered in the undergraduate Career-Technical Teacher certificate, of those working on a Career-Based Intervention endorsement.

**Prerequisite:** Trade and Industrial Education majors or Career-Technical Teacher Education (C205) certificate.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**Attributes:** Writing Intensive Course

**CTTE 46019 COORDINATION OF CAREER TECHNICAL COOPERATIVE EDUCATION PROGRAMS 3 Credit Hours**

(Slashed with CTTE 56019) Reviews duties, problems, techniques of home, school and work coordination. Internship site selection, job development, servicing the job station, coordinating classroom and work experience. A study of important linkage to local business/industry and education support agencies for career and technical development.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CTTE 46020 CURRICULUM GUIDE:DESIGN AND APPLICATION 3 Credit Hours**

Methods and techniques involved in developing and utilizing a curriculum guide in career and technical education subjects. This course includes 15 field/clinical hours. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school/agency before the first day of the semester in which student teaching/ internship will take place.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CTTE 46095 SPECIAL TOPICS IN CAREER TECHNICAL EDUCATION 1-3 Credit Hours**

(Repeatable for credit) Specialized offerings in response to emerging or selected program needs in career-technical education.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 1-3 lecture

**Grade Mode:** Standard Letter

**CTTE 46096 INDIVIDUAL INVESTIGATION IN CAREER TECHNICAL EDUCATION 1-3 Credit Hours**

(Repeatable for credit) (Slashed with CTTE 56096) An individual investigation into problems and topics in career technical education. The investigation is pursued on an individual basis with an assigned faculty member.

**Prerequisite:** None.

**Schedule Type:** Individual Investigation

**Contact Hours:** 1-3 other

**Grade Mode:** Satisfactory/Unsatisfactory

**CTTE 49525 INQUIRY INTO PROFESSIONAL PRACTICE 3 Credit Hours**

Interdisciplinary inquiry into career/technical teaching as a professional practice in education;emphasis on teacher as disciplined investigator. Final course of four. Combination of themes utilization of teaching learning technologies.

**Prerequisite:** Admission to advanced study.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CTTE 50093 VARIABLE TOPIC WORKSHOP IN CAREER TECHNICAL EDUCATION 1-5 Credit Hours**

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

Topics of special interest to students desiring to intensify their knowledge in a particular area or areas of career technical education.

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

**Schedule Type:** Workshop

**Contact Hours:** 1-5 other

**Grade Mode:** Satisfactory/Unsatisfactory

**CTTE 54092 IN-SERVICE TEACHING - PRACTICUM 2 Credit Hours**

(Slashed with CTTE 44092) This course provides an overview of/and practice in the concepts necessary to plan, organize and implement meaningful instruction in the laboratory and related classroom. The course provides an opportunity for students to apply classroom management skills and as they get one-on-one support from the teacher educators.

**Prerequisite:** Graduate standing.

**Schedule Type:** Practical Experience

**Contact Hours:** 36 other

**Grade Mode:** Standard Letter

**CTTE 54099 IN-SERVICE TEACHING - CAPSTONE 1 Credit Hour**

(Slashed with CTTE 44099) The capstone course provides students an opportunity to demonstrate their knowledge and growth as a career technical education teacher; it essentially provides an opportunity for students to show how they integrate and apply knowledge from their career technical education licensure courses into their responsibilities as teachers. The course will assess the extent to which the students meet the Ohio Standards for the Teaching Profession, through an electronic portfolio and instructional videos from the student as evidence.

**Prerequisite:** Graduate standing.

**Schedule Type:** Project or Capstone

**Contact Hours:** 1 other

**Grade Mode:** Standard Letter

**CTTE 55372 ISSUES IN CAREER TECHNICAL EDUCATION SUBJECTS 3 Credit Hours**

(Slashed with CTTE 45372) Exploration of issues and trends unique to specific career-technical education subjects.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CTTE 55377 CAREER AND TECHNICAL EDUCATION:ADVANCED  
METHODOLOGIES 3 Credit Hours**

(Slashed with CTTE 45377) Selection, organization and presentation of subject matter pertaining to specific subjects in career and technical education. Emphasis on methods and techniques through theory and practice. Course includes 30 field clinical hours.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CTTE 56001 ORGANIZATION OF CAREER AND TECHNICAL EDUCATION  
3 Credit Hours**

(Slashed with CTTE 46001) Study of the principles and subject areas related to career and technical education at middle school, secondary and adult education levels.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CTTE 56002 IN-SERVICE TEACHING 3 Credit Hours**

(Slashed with CTTE 46002) Overview of teaching process in career technical teacher education. Emphasizes techniques of skill development and assessment, includes organizing for instruction, individual behavior, organizational relationships and application steps.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CTTE 56015 METHODS OF CAREER AND TECHNICAL EDUCATION 3  
Credit Hours**

(Slashed with CTTE 46015) Organization and management of classroom and laboratory; includes purchasing equipment and supplies, safety instruction planning, establishing policies, maintaining records, and individual and group instructional strategies.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CTTE 56017 STUDENT-CENTERED LEADERSHIP IN CAREER  
TECHNICAL EDUCATION 3 Credit Hours**

Study of the role of leadership and youth organizations in Career Technical Education with emphasis on the organization and purpose of student leadership and the role of the advisor related to leadership in career technical education.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CTTE 56018 DISADVANTAGED YOUTH IN CAREER TECHNICAL  
EDUCATION 3 Credit Hours**

(Slashed with CTTE 46018) Developing an understanding of disadvantaged youth stressing their characteristics as they pertain to career technical education programs.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CTTE 56019 COORDINATION OF CAREER TECHNICAL COOPERATIVE  
EDUCATION PROGRAMS 3 Credit Hours**

(Slashed with CTTE 46019) Reviews duties, problems, techniques of home, school and work coordination. Internship site selection, job development, servicing the job station, coordinating classroom and work experience. A study of important linkage to local business/ industry and education support agencies for career and technical development.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CTTE 56020 CURRICULUM GUIDE: DESIGN AND APPLICATION 3  
Credit Hours**

(Slashed with CTTE 46020) Methods and techniques involved in developing and utilizing a curriculum guide in career and technical education subjects. This course includes 15 field clinical hours.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CTTE 56095 SPECIAL TOPICS IN CAREER TECHNICAL EDUCATION  
1-3 Credit Hours**

(Repeatable for credit) Specialized offerings in response to emerging or selected program needs in career-technical education.

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

**Schedule Type:** Lecture

**Contact Hours:** 1-3 lecture

**Grade Mode:** Standard Letter

**CTTE 56096 INDIVIDUAL INVESTIGATION IN CAREER TECHNICAL  
EDUCATION 1-3 Credit Hours**

(Repeatable for credit) (Slashed with CTTE 46096) An individual investigation into problems and topics in career technical education. The investigation is pursued on an individual basis with an assigned faculty member.

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

**Schedule Type:** Individual Investigation

**Contact Hours:** 1-3 other

**Grade Mode:** Satisfactory/Unsatisfactory

**CTTE 59525 INQUIRY INTO PROFESSIONAL PRACTICE 3 Credit  
Hours**

(Slashed with CTTE 49525) Interdisciplinary inquiry into career/technical teaching as a professional practice in education; emphasis on teacher as disciplined investigator. Final course of four. Combination of themes; utilization of teaching/learning technologies.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

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

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

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

**Schedule Type:** Masters Thesis

**Contact Hours:** 2-6 other

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

**CTTE 60299 THESIS II 2 Credit Hours**

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

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

**Schedule Type:** Masters Thesis

**Contact Hours:** 2 other

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

**CTTE 66001 PRINCIPLES AND PRACTICES IN CAREER TECHNICAL EDUCATION 3 Credit Hours**

Study of principles, current practices and trends relating to modern programs of career technical education and relationships to the total plan of public education.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CTTE 66003 ANALYSIS OF HUMAN RESOURCE DEVELOPMENT 3 Credit Hours**

Provides analysis of human resource development from global, national state and local perspectives including social economic political and demographic influences. Includes the application of the contemporary workforce to engage in life long learning to keep career and technical skills updated.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CTTE 66004 PROGRAM EVALUATION IN CAREER TECHNICAL EDUCATION 3 Credit Hours**

Designed to provide the skills and knowledge necessary to evaluate the effectiveness and efficiency of career-technical education curriculum programs personnel.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CTTE 66005 SPECIAL POPULATIONS IN CAREER TECHNICAL EDUCATION 3 Credit Hours**

A study of the special populations student in career technical education programs emphasizing characteristics, curriculum modification, instruction and job placement.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**CTTE 66095 SPECIAL TOPICS IN CAREER-TECHNICAL EDUCATION 1-3 Credit Hours**

(Repeatable for credit) Specialized offerings in response to emerging or selected program needs in career-technical education.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 1-3 lecture

**Grade Mode:** Standard Letter

**CTTE 66096 INDIVIDUAL INVESTIGATION IN CAREER-TECHNICAL EDUCATION 1-3 Credit Hours**

(Repeatable for credit) (Slashed with CTTE 76096) An investigation into problems and topics in career technical education. The investigation is pursued on an individual basis with an assigned faculty member.

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

**Schedule Type:** Individual Investigation

**Contact Hours:** 1-3 other

**Grade Mode:** Satisfactory/Unsatisfactory

**CTTE 70093 VARIABLE TOPIC WORKSHOP IN CAREER TECHNICAL EDUCATION 1-5 Credit Hours**

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

Topics of special interest to students desiring to intensify their knowledge in a particular area or areas of career technical education.

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

**Schedule Type:** Workshop

**Contact Hours:** 1-5 other

**Grade Mode:** Satisfactory/Unsatisfactory

**CTTE 76095 SPECIAL TOPICS IN CAREER-TECHNICAL EDUCATION 1-3 Credit Hours**

(Repeatable for credit) Specialized offerings in response to emerging or selected program needs in career-technical education.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 1-3 lecture

**Grade Mode:** Standard Letter

**CTTE 76096 INDIVIDUAL INVESTIGATION IN CAREER-TECHNICAL EDUCATION 1-3 Credit Hours**

(Repeatable for credit) (Slashed with CTTE 66096) An investigation into problems and topics in career technical education. The investigation is pursued on an individual basis with an assigned faculty member.

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

**Schedule Type:** Individual Investigation

**Contact Hours:** 1-3 other

**Grade Mode:** Satisfactory/Unsatisfactory

**CTTE 86098 ADVANCED RESEARCH IN CAREER-TECHNICAL EDUCATION 1-15 Credit Hours**

(Repeatable for credit) Student pursues an individual research project on a specialized career technical education topic with approval and under the direction of an instructor.

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

**Schedule Type:** Research

**Contact Hours:** 1-15 other

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