

# CAREER AND TECHNICAL EDUCATION (CTE)

## CTE 5010 Teaching Occupational Skills

[3 credit hours]

This course is required for the Health Careers, Career-Technical Education and the six Career-Technical Licenses. This course addresses multiple topics critical to workforce education as they apply to the laboratory environment. Students are provided classroom and clinical experiences designed to assist the beginning teacher with basic laboratory instructional techniques and management strategies that integrate academic, occupational and employability skills in a contextual framework.

**Term Offered:** Summer

## CTE 5020 Occupational Safety And Liability

[3 credit hours]

This course is required for the Adult Education, Career Based Intervention, and Work-Site Teacher/Coordinator endorsements. Occupational health and safety hazards applicable to school, business, and industry, will be examined. Utilizing clinical and classroom experiences students will investigate: the rationale for safety training; strategies to minimize exposure and prevent injuries; specific topics, such as ergonomics, blood borne pathogens, air quality, sound, hazardous materials, back safety, substance abuse, violence in the workplace, etc.

**Term Offered:** Spring, Summer

## CTE 5030 Teaching Occupational Knowledge

[3 credit hours]

This course is required for the Health Careers, Career-Technical Education and the six Career-Technical Licenses. Designed as a co-requisite in the professional education series, this course addresses multiple topics critical to workforce education as they apply to the classroom environment. Students are provided classroom and clinical experiences designed to assist the beginning teacher with basic classroom instructional techniques and management strategies that integrate academic, occupational and employability skills in a contextual framework.

**Term Offered:** Summer

## CTE 5040 Laboratory Organization And Management

[3 credit hours]

Designed for laboratory instructors to increase their operating efficiency and effectiveness. Focus is on arranging the facility and controlling materials, supplies, learning activities and maintenance through various system approaches.

## CTE 5050 Methods for Teaching CTE Methods I

[2 credit hours]

This course is required for the Health Careers, Career-Technical Education and the six Career- Technical Licenses. The pedagogical and management skills introduced in CTE 4010 are integrated in a contextual framework utilizing an actual laboratory situation. Learning styles; laboratory planning, instruction, technology, and management; integrated academics; performance assessment; safety and liability issues; employability and SCANS skills; community partnerships; school-based and work-site learning; etc. are the basis for student research, reflection, and inquiry

**Term Offered:** Fall

## CTE 5060 Foundations Of Career And Technical Education

[3 credit hours]

A study of social issues, historical events and philosophies that provide a basis for the development of career and technical education. Principles and their implications are also reviewed.

**Term Offered:** Fall

## CTE 5070 CTE Methods II

[2 credit hours]

This course is required for the Health Careers, Career-Technical Education and the six Career-Technical Licenses. The pedagogical and management skills introduced in CTE 4030 are integrated in a contextual framework utilizing an actual classroom setting. Organizing curriculum; instructional planning, management, delivery and technology; learning theory; behavior management; motivation; integrated academics; authentic assessment; career-technical student organizations; etc. are the basis for student research, reflection, and inquiry.

**Term Offered:** Spring

## CTE 5080 Principles Of School-To-work Transition

[3 credit hours]

Design for educators and employers to increase their knowledge and skill to build partnerships between schools and business, industry and labor. Examines transition concepts, components, implementation strategies and models.

**Term Offered:** Summer

## CTE 5100 Organization, Administration & Regulations Of Career And Technical Education

[3 credit hours]

Study of the organization and administration of career and technical education at the national, state and local levels, noting relationships existing between the agencies.

**Term Offered:** Spring

## CTE 5110 Seminar for CTE Teachers

[3 credit hours]

The career-technical education teacher is an occupational professional who possesses the pedagogical knowledge and reflective decision making skills necessary to enter the teaching profession at multiple levels. In order to prepare individuals as career-technical instructors, components of the licensure program were developed and approved by the State Board of Education, to promote high professional standards to provide quality classroom teachers. The components are: a clear mission; operational goals; specific competencies of an assessment system.

**Term Offered:** Spring

## CTE 5120 Supervision Of Career And Technical Education

[3 credit hours]

Development of supervisory skills in career and technical education. Stresses human relations, team building, basic management and leadership skills in program inauguration and operations.

**Term Offered:** Fall

**CTE 5140 Cooperative Education**

[3 credit hours]

This course is required for the Career Based Intervention. The course is designed to present the basic fundamentals of establishing and operating a cooperative occupational program. Students investigate and develop operational procedures to address: student selection; assessing the quality of potential training stations; student placement; school-based learning; critical issues related to work-based learning; minor labor laws; partnering with parents, business, and labor; connecting activities; record keeping; evaluation techniques; etc.

**Term Offered:** Fall**CTE 5160 Curriculum Development & Teaching**

[3 credit hours]

This course is required for the Career Based Intervention. Designed as a study of cooperative education curriculum and instructional methods, the course includes the coordination of school-based instruction with on-the-job work-based experience. Learning styles of diverse students; instructional planning and delivery; classroom management; integrated academics; authentic assessment; safety and liability issues; employability and SCANS skills; community partnerships; school-based and work-site learning; etc. are the basis for student research, reflection, and inquiry.

**Term Offered:** Spring, Summer**CTE 5180 Promotion, Recruitment & Retention**

[3 credit hours]

A study of career and technical education in the community, and promotion, recruitment and retention strategies, including school publics, theories of community power structure and the career and technical school in a democratic society.

**Term Offered:** Summer, Fall**CTE 5220 Adviser Training For Youth Leaders**

[3 credit hours]

Designed for teachers and supervisors to increase their skills and knowledge of youth leadership development. Focus is on advising a student career and technical organization and includes both establishing and maintaining functions.

**Term Offered:** Summer**CTE 5570 Teaching Adult Learners**

[3 credit hours]

A study of the unique learning and teaching characteristics associated with adult learners, adult learning theory, learner characteristics, physical effects of aging and strategies consistent with adult learning styles.

**Term Offered:** Fall**CTE 5810 Staff Evaluation And Development**

[3 credit hours]

An analysis of the processes and current instruments available for evaluation of programs and personnel, and an appraisal of the professional development needs of individuals in educational settings.

**CTE 5830 Curriculum Principles And Models**

[3 credit hours]

Curriculum principles and models are examined. The characteristics of curricula are established and inferences are drawn for the planning, implementation and evaluation phases of curriculum development.

**CTE 5900 Curriculum Construction in Career and Technical Education**

[3 credit hours]

This course is a study of occupational analysis and course of study assembly. Occupational instructors will be assisted to conduct program analysis and develop course content through a systematic process.

**Term Offered:** Fall**CTE 5930 CTE Supervised Teaching**

[4 credit hours]

This course is required for the Health Careers, Career-Technical Education and the six Career-Technical Licenses. A planned field experience will be completed in public school classrooms under the direction of university facilitated induction teams. The university faculty member, on-site teacher mentor, and local administrator will collaborate to assure the novice teacher maximizes his/her potential as an individual and member of an educational team. Students are provided a contextual framework to integrate theory and practice.

**Term Offered:** Spring, Fall**CTE 5940 Practicum-Internship In Career And Technical Education**

[1-3 credit hours]

Observation and supervised experiences will be offered in a variety of appropriate settings, or students will be assigned to work as interns in a school setting under the joint supervision of school and university personnel.

**Term Offered:** Spring, Summer, Fall**CTE 5950 Workshop In Career And Technical Education**

[1-5 credit hours]

Workshops developed around topics of interest and concern for preservice and inservice teachers and other education personnel. Practical applications of workshop topics will be emphasized.

**CTE 5980 Problems In Career And Technical Education**

[1-5 credit hours]

A course developed around topics of interest and concern to inservice teachers and administrators. Stresses solution and resolution of educational problems occurring within selected districts.

**Term Offered:** Spring, Summer, Fall**CTE 5990 Individual Study In Career And Technical Education**

[1-3 credit hours]

Individual study is designed to provide the opportunity to work individually on professional problems under the direction of the faculty in career and technical education.

**Term Offered:** Spring, Fall**CTE 6900 Research In Career And Technical Education**

[1-3 credit hours]

This course is required for the Health Careers, Career-Technical Education and the six Career-Technical Licenses. The course provides the knowledge and skill in competency-based education. It includes occupational analysis; selection of course content; course of study and instructional guide development; and, credentialing students. Utilizing the Career Field Content Standards the teacher is prepared to draw from their content expertise and experiences to plan and develop instruction that addresses curriculum goals of diverse and special populations.

**Term Offered:** Fall

**CTE 6920 Master's Research Project In Career And Technical Education**

[1-3 credit hours]

Open to a graduate student who elects the completion of a research project in fulfilling the research requirement of the master's degree.

**Term Offered:** Spring

**CTE 6960 Master's Thesis In Career And Technical Education**

[1-3 credit hours]

Open to a graduate student who elects the completion of a master's thesis in fulfilling the research requirement of the master's degree.

**CTE 7810 Staff Evaluation And Development**

[3 credit hours]

An analysis of the processes and current instruments available for evaluation of programs and personnel, and an appraisal of the professional development needs of individuals in educational settings.

**CTE 7830 Curriculum Principles And Models**

[3 credit hours]

Curriculum principles and models are examined. The characteristics of curricula are established and inferences are drawn for the planning, implementation and evaluation phases of curriculum development.

**CTE 7940 Practicum-Internship In Career And Technical Education**

[1-3 credit hours]

Observation and supervised experiences will be offered in a variety of appropriate settings, or students will be assigned to work as interns in a school setting under the joint supervision of school and university personnel.

**Term Offered:** Summer

**CTE 7950 Workshop In Career And Technical Education**

[1-5 credit hours]

Workshops developed around topics of interest and concern for preservice and inservice teachers and other education personnel. Practical applications of workshop topics will be emphasized.

**CTE 7980 Problems In Career And Technical Education**

[1-5 credit hours]

A course developed around topics of interest and concern to inservice teachers and administrators. Stresses solution and resolution of educational problems occurring within selected districts.

**Term Offered:** Summer

**CTE 7990 Individual Study In Career And Technical Education**

[1-3 credit hours]

Individual study is designed to provide the opportunity to work individually on professional problems under the direction of the faculty in career and technical education.