

Career and Technical Education Courses

CTE 164 Orientation to Career and Technical Teaching. (3) A. Instruction to new technical teachers in areas of principles of instruction, lesson planning, oral instruction, instructional media, demonstrations, evaluation and follow-up. Satisfactory-unsatisfactory grading.

CTE 203 Career and Technical Education Staff Exchange. (2-9) A. Prerequisite: departmental approval. For in-service career and technical teachers enrolled in an approved staff exchange program designed to update technical skills and knowledge in an occupational setting. Assignments include verifying contact hours, site visit, narrative summary, and lesson development. First week of exchange is equal to two semester hours of credit with one additional hour of credit for each additional week. Satisfactory-unsatisfactory grading

CTE 204 Related Science, Mathematics, and Technology in Occupations I. (3) A. Offered only through written examination; applicant must be eligible for vocational teaching certificate.

CTE 205 Manipulative Skills in Occupations I. (3) A. Offered only through technical competence examination; applicant must be eligible for vocational teaching certificate.

CTE 206 Related Knowledge: Occupations I. (3) A. Offered only through written examination; applicant must be eligible for vocational teaching certificate.

CTE 261 Foundations of Career and Technical Education. (3) A. A study of the historical, philosophical, economical, sociological, and psychological foundations of career and technical education related to elementary, secondary, and post-secondary education.

CTE 302 New Developments in Industry. (1-6) A. Concurrent enrollment in approved industry sponsored course. One hour credit for each week of enrollment (minimum of 20 class hours per week). Student required to present proof of completion and to develop a teaching unit on the new development. May be retaken provided the industry sponsored school is different. Graded on a satisfactory-unsatisfactory basis. Only in-service vocational education teachers may enroll.

CTE 304 Related Science, Mathematics, and Technology in Occupations II. (3) A. Offered only through written examination, applicant must be eligible for vocational teaching certificate.

CTE 305 Manipulative Skills in Occupations II. (3) A. Offered only through technical competence examination; applicant must be eligible for vocational teaching certificate.

CTE 306 Related Knowledge: Occupations II. (3) A. Offered only through written examinations; applicant must be eligible for vocational teaching certificate.

CTE 361 Career Materials in Career and Technical Education. (3) A. The preparation of instructional materials and instructional techniques, including the development and use of instructional media. The content will include the development of curricula at appropriate levels of education and appropriate laboratory activities.

CTE 363 Evaluation in Career and Technical Education. (3) A. Methods of evaluation, preparation of measuring devices; methods of assessing technical competency; interpretation of standardized test results; statistical analysis of test data and the improvement of instruction.

CTE 364 Methods in Career and Technical Education. (3) A. Presentation and application of instructional materials, methods, techniques, and devices relevant to teaching technical subjects.

CTE 463 Practicum in Career and Technical Education. (4-12) A. Observation, participation and supervised teaching in vocational and technical education. Includes experiences in lesson planning, classroom management, record keeping, development and use of instructional materials and directed teaching in approved centers. Students are graded on a satisfactory-unsatisfactory basis.

CTE 469 Seminar in Teaching Industrial Education. (4) A. A seminar in lieu of student teaching at the appropriate level, designed to provide additional certification for students who have completed four years of successful teaching experience.