Bachelor of Science in Career and Technical Studies

Admission to the Program
As prerequisites for acceptance into the B.S. in Career and Technical Studies, students must complete the following as a “Pre-Career and Technical Studies major.” Upon acceptance into the program, a student’s major will be changed from “Pre-CTS” to “Career and Technical Studies” status.

Requirements to enter the B.S. in Career and Technical Studies:
1. An earned AA or AS degree in a technical field or consent of the department advisor;
2. Completed CSU GE-Breadth Certification from a California Community College, including the American Institutions requirements (U.S. History, U.S. Constitution, and California State and Local Government);
3. A minimum of 60 earned semester units;
4. A minimum GPA of 2.0;
5. A formal application submitted to the program adviser. Please see the Department of Educational Leadership and Technology for forms.

Requirements (60 units)

Total units required for graduation: 120

Requirements for the B.S. in Career and Technical Studies
(Program Code: CTEC)

Career and Technical Studies (27)
Students must complete 15 required units and 12 elective units from this area as specified in a program plan developed with a program adviser.

ECTS 5010 Principles and Methods for Teaching Designated Subjects 3
ECTS 5020 Instructional Support for Teaching Designated Subjects 3
ECTS 5040 Principles of Career and Technical Education 3
ECTS 5080 Organization and Structure of Career and Technical Programs 3
ECTS 5410 Topics in Career and technical Education 3

Twelve units chosen from:

ECTS 5090 Personnel Management in Career and Technical Programs
ECTS 5100 Field Work in Coordination and Supervision of Career and Technical Programs
ECTS 5180 Field Work in Designated Subjects
ECTS 5190 Instructional Technology for Career and Technical Educators

Instructional Technology (15)
Students must complete 15 required units as specified in a program plan developed with a program advisor.

ECTS 5200 Curriculum Development for Career and Technical Programs
ECTS 5210 Assessing Student Progress
ECTS 5220 Directing and Managing Occupational Programs
ECTS 5230 Learning Theory and Instructional Research

Entrepreneurship (18)
Students will complete 15 required units and 3 elective units from this area as specified in a program plan developed with a program advisor.

ENTR 3000 Entrepreneurship and Innovation
ENTR 4420 Small Business Management
ENTR 5430 Ideation and Creative Problem Solving
ENTR 5440 Developing the New Venture
ENTR 5450 Resources for the Entrepreneur
ENTR 5980 Reflective Essay

Three units chosen from:

ENTR 5155 Business Consulting
ENTR 5470 Managing a Growing Business
HRM 4550 Human Resources Management
MKTG 3050 Marketing Principles
MKTG 4300 Professional Selling and Sales Management

Total Units 60

Note: In order to qualify for the Designated Subjects Career and Technical Education Teaching Credential, students should have at least three years of verifiable work experience directly related to each industry sector named on the credential. One year must equal a minimum of 1000 clock hours for ROP or 1500 hours for adult education. Students pursuing the credential must also earn a “B” or better in all professional education courses attempted (those with the ECTS prefix).