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

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

ECTC 5000  Foundations in Instructional Design & Technology
ECTC 5010  Foundations of e-Learning
ECTC 5410  E-Learning Design and Development
ECTC 5423  Seminar in Instructional Design & Technology
ECTC 5440  Instructional Design I
ECTC 5460  Technology Integration in The Classroom

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).