

# 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 advisor. 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 advisor.

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:		12
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
ECTS 5200	Curriculum Development for Career and Technical Programs
ECTS 5210	Assessing Student Progress
ECTS 5220	Directing and Managing Occupational Programs
ECTS 5230	Educational Research and Learning Theory

### Instructional Technology (15)

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

ETEC 5000	Foundations in Instructional Design & Technology
ETEC 5010	Foundations of e-Learning
ETEC 5410	E-Learning Design and Development
ETEC 5423	Seminar in Instructional Design & Technology
ETEC 5440	Instructional Design I
ETEC 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. 18

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).