

# CAREER AND TECHNICAL EDUCATION: CERTIFICATION, BS

**Requirements for Students Matriculating in or before Academic Year 2018-2019.** Learn more about University Academic Regulation 3.1 (<http://catalog.okstate.edu/university-academic-regulations/#matriculation>).

**Minimum Overall Grade Point Average: 2.50**  
**Total Hours: 124**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 ( <a href="http://catalog.okstate.edu/university-academic-regulations/#english-composition">http://catalog.okstate.edu/university-academic-regulations/#english-composition</a> )		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
Select one of the following:		3
HIST 1103	Survey of American History	
HIST 1483	American History to 1865	
HIST 1493	American History Since 1865	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT	course designated (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Course designated (N) and one (L)		8
<i>Social &amp; Behavioral Sciences (S)</i>		
PSYC 1113 or SOC 1113	Introductory Psychology (S) Introductory Sociology (S)	3
Select one of the following:		3
GEOG 1113	Introduction to Cultural Geography (IS)	
GEOG 1713 or GLST 1713	World Regional Geography (IS) World Regional Geography (IS)	
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		6
<b>Hours Subtotal</b>		41
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
Select one of the following options:		12

<i>Marketing Education</i>		
MKTG 4553	International Marketing	
Select 9 hours of electives (3 hours may need to be foreign language)		
<i>All other options</i>		
Select 12 hours of electives (3 hours may need to be foreign language)		
<b>Hours Subtotal</b>		12
<b>Major Requirements</b>		
Core Requirements (18 hours)		
Minimum GPA 2.50 with a minimum grade of "C" or "P" in each course		
CTED 4413	Career and Technical Education Practicum I	3
CTED 4343	Occupational Analysis and Curriculum Development	3
CTED 4673	Current Issues in Career and Technical Education	3
CTED 4683	Legal Issues in Career and Technical Education	3
CTED 4123	Coordinating Career and Technical Student Organizations and Activities	3
CTED 4213	Safety, Organization and Management of Learning Facilities	3
Select one option (p. 1)		24
<b>Hours Subtotal</b>		42
<b>Professional Core Requirements</b>		
Minimum GPA 2.50 with a minimum grade of "C" or "P" in each course		
CTED 3203	Foundations of Career and Technical Education	3
CTED 4103	Instructional Procedures in Career and Technical Education	3
SPED 3202	Educating Exceptional Learners (D)	2
EPSY 3213	Psychology of Adolescence	3
EDTC 3123 or EDTC 4113	Applications of Educational Technologies Applications of Media and Technology	3
CTED 3903	Seminar in Professional Education	3
SCFD 3223	Role of Teacher in American Schools (D)	3
Full admission required:		
CTED 4470	Teaching Practicum in Career and Technical Education II	9
<b>Hours Subtotal</b>		29
Total Hours		124

## Options

### Occupational Experience Option

Code	Title	Hours
CTED 3000	Occupational Experience	24
Successful completion of the NOCTI Exam (grade of "P"), or other approved examination		

## Business and Information Technology Option

Code	Title	Hours
ACCT 2103	Financial Accounting	3
ACCT 2203	Managerial Accounting	3
ECON 2103	Introduction to Microeconomics (S)	3
ECON 2203	Introduction to Macroeconomics	3
MGMT 3013	Fundamentals of Management (S)	3
MKTG 3213	Marketing (S)	3
Select Technology Courses		6
Recommended Courses:		
CS 1003	Computer Proficiency	
MSIS 2103	Business Data Science Technologies	

## Health Occupation Education Option

Code	Title	Hours
HHP 4643	School Health and Safety for Physical Educators	3
HHP 4723	Assessment in Physical Education	3
HLTH 2213	Principles in Health Education and Promotion	3
HLTH 3913	Alcohol and Drug Education	3
HLTH 2603	Total Wellness (S)	3
HLTH 3613	Community Health	3
HLTH 3623	School Health Programs	3
HLTH 4973	Program Design in Health Education and Promotion	3

## Marketing Education Option

Code	Title	Hours
ACCT 2103	Financial Accounting	3
ECON 2103	Introduction to Microeconomics (S)	3
FIN 2123	Personal Finance	3
or LSB 3213	Legal and Regulatory Environment of Business	
MGMT 3013	Fundamentals of Management (S)	3
MKTG 3213	Marketing (S)	3
MKTG 3323	Consumer and Market Behavior	3
MKTG 3433	Promotional Strategy	3
MKTG 3513	Sales Management	3

## Technology Education Option

Code	Title	Hours
Select 24 hours of the following:		24
ENGR 1111	Introduction to Engineering	
ENGR 1113	Introduction to Engineering Mathematics	
ENGR 1322	Engineering Design with CAD	
FIN 2123	Personal Finance	
MET 1123	Technical Drawing and Basic CAD	
MET 1213	Manufacturing Processes	
MET 2223	Intermediate Mechanical Computer-Aided Design	
HS 2111	Career Exploration in Human Sciences	
IEM 2903	Introduction to Manufacturing and Service Systems	

MSIS 2103	Business Data Science Technologies
MET 1103	Introduction to Mechanical Engineering Technology
AST 3211	Engines and Power
AST 3222	Metals and Welding
NREM 1213	Introduction to Wood Properties and Products

## Technical & Industrial Education Option

See NOCTI information above or the transfer of approved technical work in a teaching area.

## Other Requirements

- 40 hours of upper-division course work.
- Required for graduation and recommendation for Standard Certification:
  - a. 2.50 Overall GPA;
  - b. 2.50 GPA in Major Requirements; and
  - c. 2.50 GPA in Professional Core Requirements.
- The student must earn minimum grades of "C" or "P" in each course in the Major Requirements and Professional Core Requirements and must earn grades of "P" in all sections of observation courses and student teaching for recommendation for Certification.
- Students must demonstrate proficiency in a foreign language at the novice high level from among those languages identified by the Office of Educational Quality and Accountability.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2024.