



Pittsburg State University  
**College of Technology Program Guide**

Degree: Bachelor of Science in Career and Technical Education  
 Major: Career and Technical Education  
 Emphasis/Option: Private Sector Teaching Emphasis  
 Minor (if required):

As of Fall 2016

**Career and Technical Education Major for Private Sector Teaching Emphasis (30 hours)**

Selected from the following courses

ET 299: Cooperative Industrial Training (Electrical Internship) .....	6
TM 390: Trade and Job Analysis .....	3
TTED 391: Student Assessment Development in Career and Technical Education .....	3
EST 393: Introduction to Industrial Safety .....	3
TTED 395: Task Analysis for Technical Teachers .....	1
EST 396: Introduction to Construction Safety .....	3
TTED 396: Curriculum Usage in Technical Education .....	2
TTED 445: Development of a Unit Study Guide .....	3
TTED 479: Techniques for Teaching Career and Technical Education .....	3
TM 606: Industrial Supervision .....	3
TTED 619: Planning Shop Layout for Career and Technical Education .....	3
TTED 695: Using Technology as an Instructional Tool .....	2
TTED 698: Leadership and Professionalism in Career and Technical Education .....	3
TTED 780: Classroom Management in Career and Technical Education .....	3

TM 390, TTED 391, TTED 445 and TTED 479 are required of all majors.

**Area of Support Requirements for Private Sector Teaching Emphasis (21 hours)**

Requires study in no more than two departments outside the major selection of courses, as this area should give consideration to study that supports a student's professional development objectives. Examples of outside departments are Chemistry, Computer Information Systems, Military Science, Psychology and Counseling, and Technology and Workforce Learning.

**Technical Elective Requirements for Private Sector Teaching Emphasis (24 hours)**

Technical electives may total 24 hours of technical courses that are directly related to the student's career objective. (Maximum transfer credit of 24 hours in this area)

**General Electives (0-3 hours)**

Total minimum hours required (124 hours)

# GENERAL EDUCATION REQUIREMENTS

(46-52 hrs.)

<b>Basic Skills</b>		<b>12-13 hours</b>
COMM 207	Speech Communication .....	3
ENGL 101	English Composition.....	3
ENGL 190	Honors English Composition .....	3
or ENGL 299	Introduction to Research Writing.....	3
<b>Mathematics (Select one)</b>		
MATH 110	College Algebra with Review .....	5
MATH 113	College Algebra .....	3
MATH 126	Pre-Calculus .....	4
MATH 133	Quantitative Reasoning.....	3
MATH 143	Elementary Statistics.....	3
<b>Sciences</b>		<b>8-9 hours</b>
Natural Sciences ( <i>Select one</i> )		
BIOL 111/112	General Biology and Laboratory .....	5
BIOL 113	Environmental Life Science .....	4
BIOL 211	Principles of Biology I.....	4
Physical Sciences ( <i>Select one</i> )		
CHEM 105/106	Introductory Chemistry and Laboratory.....	4
CHEM 107/108	Chemistry for Life Sciences and Laboratory ....	4
PHYS 160/165	Physical Geology and Laboratory.....	4
PHYS 166/167	Meteorology and Laboratory.....	4
PHYS 171/172	Physical Science and Laboratory .....	4
PHYS 175/176	Descriptive Astronomy and Laboratory.....	4
PHYS 375/176	Solar System Astronomy and Laboratory .....	4
<b>Social Studies</b>		<b>3 hours</b>
SOC 100	Introduction to Sociology .....	3
WGS 200	Introduction to Women's Studies .....	3
<b>Political Studies (Select one)</b>		<b>3 hours</b>
POLS 101	U.S. Politics .....	3
POLS 103	Comparative Political Institutions.....	3
<b>Producing and Consuming</b>		<b>5-6 hours</b>
<i>(Select one from two of the following three categories)</i>		
Economy		
ECON 191	Issues in Today's Economy.....	3
FCS 230	Consumer Ed. and Personal Finance .....	3
Technology		
EET 247	Computer Programming for Electronic Sys. ....	3
GT 190	Introduction to Technological Systems .....	2
GT 350	Technology and Civilization.....	3
TM 350	Societal Influence of Technology.....	3
TE 551	Integrated Technology for Educators.....	3
Business		
ACCTG 201	Financial Accounting.....	3
CIS 130	Computer Information Systems .....	3
MGMKT 101	Introduction to Business.....	3
<b>Fine Arts and Aesthetic Studies (Select one)</b>		<b>2-3 hours</b>
ART 155	Printmaking and Paper Arts.....	3
ART 178	Introduction to the Visual Arts.....	3
ART 188	The Designed World .....	3
ART 217	Crafts I.....	3
ART 222	Jewelry Design I.....	3
ART 233	Drawing I.....	3
ART 244	Ceramics I.....	3
ART 266	Sculpture I.....	3
ART 277	Painting I.....	3
ART 288	Introduction to Art History I.....	3

ART 289	Introduction to Art History II .....	3
ART 311	Art Education .....	3
ART 351	Printmaking, Papermaking, Bookarts and the Letterpress.....	3
ART 430	Automotive: Art and Design.....	3
COMM 105	Performance Appreciation .....	3
COMM 205	Performance Studies.....	3
COMM 295	Theatre History .....	3
ENGL 250	Introduction to Creative Writing .....	3
HHP 151	Dance Appreciation.....	3
MUSIC 120	Music Appreciation.....	3
MUSIC 121	Introduction to Music Literature .....	2

**Cultural Studies (Select one)..... 3 hours**

ANTH 101	Introduction to Cultural Anthropology.....	3
MLL 114	Chinese Language and Culture I.....	3
MLL 124	French Language and Culture I.....	3
MLL 154	Spanish Language and Culture I.....	3
MLL 184	Russian Language and Culture I.....	3
MLL 194	Korean Language and Culture I.....	3
GEOG 106	World Regional Geography .....	3
GEOG 300	Elements of Geography.....	3
GEOG 304	Human Geography.....	3
WGS 399	Global Women's Issues.....	3

**Health and Well Being 4-6 hours**

Psychological		
PSYCH 155	General Psychology .....	3
Physical ( <i>Select one</i> )		
FCS 203	Nutrition and Health .....	3
FCS 301	Nutrition .....	3
HHP 150	Lifetime Fitness Concepts.....	1
NURS 303	Introduction to Public Health.....	3

**Human Heritage .....6 hours**

*(Select one from two of the following three categories)*

History		
HIST 101	World History to 1500.....	3
HIST 102	World History from 1500.....	3
HIST 201	American History to 1865.....	3
HIST 202	American History from 1865.....	3
Literature		
ENGL 113	General Literature.....	3
ENGL 114	General Literature (Genre).....	3
ENGL 116	General Literature (Theme).....	3
ENGL 120	Literature and Film .....	3
ENGL 315	Mythology .....	3
ENGL 320	Literature and Film .....	3
Philosophy		
PHIL 103	Introduction to Philosophy.....	3
PHIL 105	Ethics.....	3
PHIL 111	Ethics: Applied Emphasis (____).....	3
PHIL 112	Biomedical Ethics.....	3
PHIL 113	Business Ethics.....	3
PHIL 114	Environmental Ethics.....	3
PHIL 207	Critical Thinking.....	3
PHIL 208	Logic.....	3
PHIL 231	World Religions.....	3

Notes

NOTE: The information contained herein is intended to be used for the planning of a student's academic program and does not constitute a contract. While this guide was prepared with the latest information, courses, graduation requirements, and curricula are subject to change.

When a student attains 85 semester hours of credit (including current enrollment) the student must apply for a degree check in the Office of the Registrar (Degree Checking Section), Room 102 Russ Hall.

**MINIMUM GENERAL REQUIREMENTS:** The minimum requirements for graduation include 124 semester hours of which 60 hours must be from a four year university. In addition, 45 semester hours must be upper division and 30 hours in residence at PSU (including 24 of the last 30). Minimum GPA for non-education degree is 2.0 overall [2.0 in major], secondary education degree is 2.5 overall [2.75 in major], and early/late childhood/unified degree is 2.80 overall [3.0 in major]. A minimum GPA of 2.0 in any minor and in residence coursework is required. General Education and all degree requirements are provided in the online catalog. Refer to individual departments for specific requirements.