



Pittsburg State University
College of Technology Program Guide

Degree: Bachelor of Science in Technology
 Major: Wood Technology
 Emphasis/Option: Wood Teacher Training Emphasis
 Minor (if required):

As of Fall 2014

Support Courses (12 hours)

MATH 122: Plane Trigonometry	3
or MATH 143: Elementary Statistics	3
ECON 200: Introduction to Microeconomics	3
ENGL 301: Technical/Professional Writing	3
MGMKT 330: Basic Marketing	3

Technical Courses

Wood Technology Area

WT 182: Wood Science	3
WT 185: Fundamentals of Wood Technology	3
WT 226: CAD for Wood Product Development	3
or GT 360: Computer Aided Drafting	3
or GT 361: Technical Graphics with AutoCAD	2
and GT 362: AutoCAD Applications (___)	1
WT 282: Machine Woodworking	3
WT 286: Primary Wood Processing	3
WT 301: Finishing	3
WT 333: Tool Technology	3
WT 383: Computer-Aided Manufacturing in Wood Technology	3
WT 399: Wood Technology Professional Development	2
WT 412: Overlay and Laminate Materials	3
WT 426: Millwork and Casework	3
WT 511: Production Techniques in Woods	3
WT 523: Computer Applications in Cabinetmaking	3
WT 525: Cabinets and Fixtures	3-5
WT 602: Manufacturing Facility Maintenance and Management	3
WT 699: Wood Technology Senior Seminar	1

WT 525 Cabinets and Fixtures must be taken for three hours.

General Technology Support Courses

Wood Teacher Training- Technical Education Emphasis (7 hours)

TTED 479: Techniques for Teaching Vocational-Technical Education	3
TTED 695: Using Technology as an Instructional Tool	2
TTED 698: School Improvement Processes in Career and Technical Education	2

Wood Teacher Training (18 hours)

Technical Education**

TTED 391: Student Assessment Development in Vocational/Technical Education	3
TTED 395: Task Analysis for Technical Teachers	1
TTED 396: Curriculum Usage in Technical Education	2
TTED 608: Components of Work-based Learning in Career and Technical Education	3
TTED 694: Foundations of Vocational Technical Education	3
TTED 697: Identification and Instruction of Students with Special Needs	3
or SPED 510: Overview of Special Education	3
TTED 780: Classroom Management in Career and Technical Education	3

**Those seeking teacher certification, additional coursework is required. See Technical Teacher Education advisor for more information.

GENERAL EDUCATION REQUIREMENTS

(46-53 hrs.)

Basic Skills 12 hours

COMM 207	Speech Communication.....	3
ENGL 101	English Composition.....	3
ENGL 190	Honors English Composition.....	3
OR ENGL 299	Introduction to Research Writing.....	3
MATH 110	College Algebra with Review.....	5
or MATH 113	College Algebra.....	3
or MATH 133	Quantitative Reasoning.....	3

Sciences 8-9 hours

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 171/172	Physical Science and Laboratory.....	4

Social Studies 3 hours

SOC 100	Introduction to Sociology.....	3
WOMEN 200	Introduction to Women's Studies.....	3

Political Studies 3 hours

POLS 101	U.S. Politics.....	3
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Producing and Consuming 5-6 hours

GT 190	Introduction to Technological Systems.....	2
or GT 350	Technology and Civilization.....	3
ACCTG 201	Financial Accounting.....	3
or CIS 130	Computer Information Systems.....	3
or MGMKT 101	Introduction to Business.....	3

Fine Arts and Aesthetic Studies (*Select one*)..... 2-3 hours

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
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
MUSIC 321	History of Music.....	3

MUSIC 120 Music Appreciation (Classical, Jazz, or World Music)

Cultural Studies (*Select one*) 3-5 hours

MLL 114	Chinese Language and Culture I.....	5
MLL 124	French Language and Culture I.....	5
MLL 154	Spanish Language and Culture I.....	5
MLL 184	Russian Language and Culture I.....	5
MLL 194	Korean Language and Culture I.....	5
GEOG 106	World Regional Geography.....	3
GEOG 300	Elements of Geography.....	3
GEOG 304	Human Geography.....	3
WOMEN 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 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.