Learning by doing! The PSU wood technology program fills a void in that there aren’t many others offering a four year wood technology degree focusing on secondary wood manufacturing. Our graduates receive diverse training that can prepare them with a skillset for the shop or office side of a woodworking career. The curriculum does not make an individual choose their option on paper, but exposes them to a variety of options within the wood industry, lectures on theory, allows them to have hands-on interactive learning in labs, and requires an industry internship to see it from another perspective. It also provides them an environment where the sky is the limit for them to learn their desires to the fullest.

- Three time recipients of the prestigious “Educator of the Year Award” from the Wood Machinery Industry Association (WMIA).
- Featured in *Wood Digest* magazine, *Second Wave* magazine and *Wood Shop News* magazine.

Join the club!

Enrich your experience and get involved with our student organizations.

- Society of Architectural Woodworkers (SAW)
- Skills USA - Cabinetmaking

Prospective majors should have an interest in wood and making wood products, good work ethic, good mechanical aptitude, and competence in academic subjects such as basic Math, Science, Speech, and English. Students should have a willingness to learn technical subjects and “get their hands dirty” to apply learning and practice techniques in lab experiences.
### WOOD TECHNOLOGY

#### Four Year Success Plan-BST

<table>
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<tr>
<th>Freshman</th>
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<tr>
<td>WT-182: Wood Science (Prerequisite: None)</td>
<td>WT-226: Computer-Aided Drafting (Prerequisite: None)</td>
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<td>WT-185: Fundamentals of Wood Technology (Prerequisite: None)</td>
<td>WT-282: Machine Woodworking (Prerequisite: WT-185 or Instructor Permission)</td>
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<td>WT-286: Primary Wood Processing (Prerequisite: None)</td>
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<th>Sophomore</th>
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<tr>
<td>WT-301: Finishing (Prerequisite: None)</td>
<td>WT-412: Overlay and Laminate Materials (Prerequisite: WT-282)</td>
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<td>WT-333: Tool Technology (Prerequisite: None)</td>
<td>WT-426: Mill and Case (Prerequisite: WT-282, WT-333)</td>
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<tr>
<td>WT-383: Computer-Aided Manufacturing (Prerequisite: None)</td>
<td>WT-454: CNC Applications for Wood Industry (Prerequisite: WT-383)</td>
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<td>WT-399: WT Professional Development (Prerequisite: None)</td>
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<tr>
<td>WT-511: Production Techniques in Woods (Prerequisite: WT-454, WT-426)</td>
<td>WT-585: Wood Production Estimating (Prerequisite: WT-511)</td>
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<tr>
<td>WT-523: Computer Applications in Cabinetry (Corequisite: WT-525)</td>
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<tr>
<td>WT-525: Cabinets and Fixtures (Prerequisite: WT-282, WT-301)</td>
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<tr>
<td>WT-326: CAD II (Prerequisite: WT-226)</td>
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<th>Senior</th>
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<tr>
<td>WT-691: Furniture Design (Prerequisite: None)</td>
<td>WT-602: Manufacturing Facility Maintenance (Prerequisite: WT-333)</td>
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<tr>
<td>WT-699: Wood Technology Senior Seminar (Prerequisite: Senior Standing)</td>
<td>WT-692: Furniture Manufacturing (Prerequisite: WT-511, WT-691)</td>
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### Minor

<table>
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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>WT-182: Wood Science</td>
<td>3</td>
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<tr>
<td>WT-185: Fundamentals of Wood</td>
<td>3</td>
</tr>
<tr>
<td>WT-226: CAD</td>
<td>3</td>
</tr>
<tr>
<td>WT-282: Machine Woods</td>
<td>3</td>
</tr>
<tr>
<td>WT-301: Finishing</td>
<td>3</td>
</tr>
<tr>
<td>WT-333: Tool Tech</td>
<td>3</td>
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<tr>
<td>WT-525: Cabinets and Fixtures</td>
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#### Core Classes

<table>
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<tr>
<th>Choose one of the following</th>
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<tbody>
<tr>
<td>WT-383: CAM</td>
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<tr>
<td>WT-412: Overlay and Laminate</td>
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<tr>
<td>WT-585: Estimating</td>
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</table>

#### Elective Hours

| Total Hours for Wood Tech Minor | 24 |

### Facilities

Ten laboratories including AFI Design and Engineering, Assembly, Manufacturing, Tool Tech, Advanced Panel Processing, Veneering, Finishing, Primary Processing, Wood Science and Outdoor lab.

### Class size

Lecture 15-25; Lab 15-18.
Program Guide-BST

WOOD TECHNOLOGY

GENERAL EDUCATION

Basic Skills .......................................................... 12
ENGL-101: English Composition .................................... 3
ENGL-100: Honors English Composition or ENGL-299: Introduction to Research Writing ................. 3
COMM-207: Speech Communication .................................... 3
MATH-110: College Algebra with Review or MATH-113: College Algebra or MATH-133: Quantitative Reasoning ............................................................. 3

GENERAL EDUCATION ELECTIVES .................................. 34-41

Sciences ............................................................... 8-9
Natural Sciences (Select one)
BIOL-111: General Biology ........................................ 3
and BIOL-112: General Biology Laboratory ................. 2
BIOL-113: Environmental Life Science .................................... 4
BIOL-211: Principles of Biology I ........................................ 4
Physical Sciences (Select one)
CHEM-105 and 106: Introductory Chemistry & Laboratory ... 4
CHEM-107 and 108: Chemistry for the Life Sciences & Laboratory .... 4
PHYS-160 and 161: Physical Geology & Laboratory .......... 4
PHYS-171 and 172: Physical Science & Laboratory ............. 4

Social Studies (Select one) ........................................... 3
SOC-100: Introduction to Sociology .................................... 3
WOMEN-200: Introduction to Women’s Studies ................ 3

Political Studies ....................................................... 3
POLS-101: U.S. Politics ............................................... 3

Producing and Consuming ......................................... 5-6

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 or MGMKT-101: Introduction to Business .......... 3

Fine Arts and Aesthetic Studies (Select one) ..................... 2-3
ART-155: Printmaking and Paper Arts .......................... 2
ART-178: Introduction to the Visual Arts ...................... 3
ART-188: The Designed World .................................... 3
ART-197: 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: Western Art History I .................................... 3
ART-289: Western Art History II .................................... 3

Technology & Workforce Learning Wood Technology Program
(620) 235-4371 or (620) 235-4942 www.pittstate.edu/wood

Technology & Workforce Learning Wood Technology Program

Technical Education ............................................. 45

WT-182: Wood Science ............................................. 3
WT-185: Fundamentals of Wood Technology ................. 3
WT-195: CAD for Wood Product Development or GT-160: Computer Aided Drafting ....................... 3
WT-282: Machine Woodworking ..................................... 3
WT-286: Primary Wood Processing .................................. 3
WT-301: Finishing .................................................... 3
WT-333: Tool Technology ............................................. 3
WT-381: Computer Aided Manufacturing in Wood Tech .... 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

Course Descriptions can be found at www.pittstate.edu/wood

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

Total minimum hours required for degree, 127 hours.

WOOD TECHNOLOGY

Program Guide-BST
Key corporate/organization supporters

Weinig-Holzher
Timesavers
Stiles
Veneer Services
Roger Shaw and Associates
MARTIN
JLT Clamps
Dekker
Hoffman
C.R. Onsrud
RT Machinery
Mikron
Advanced Fixtures Incorporated (AFI)
Great Lakes Tooling
Schmalz
Castle
HAFELE
Vortex Tooling
MasterCAM
FastCap
Denray
Dodds
Kremlin
LMT Onsrud
3M Abrasive & Adhesives
Franklin Adhesives
WMIA
AWI Heart of America
TigerStop
Kerfkore
BLUM
Leitz
Gemini
Cabinet Vision

Career opportunities

Design
Assembly
Sales
CNC Operation
Estimating
Machine Operation
Project Management
Area Supervision
Engineering
Production Management
Drafting
Plant Management
CNC Programming
Finishing
GM/Ownership
Installation

Starting salaries

Geographic area plays a large role, but in general, office positions on average pay $42,000 and shop positions $17/hr.

Nearly 100% graduate job placement in the past 10 years.

Recruiting companies

Adams Group (FL), Anton Cabinetry (TX), Blake Clotia (KS), CCI Group (TX), Cohen Architectural Woodworking (MO), High Country (CO), 1220 Exhibits (TN), Advanced Fixtures, Inc. (TX), Wood Systems (OK), Custom Wood Products (KS), Western Millwork, Inc. (AZ), Architectural Components Group, Inc (MO), Brochsteins (TX), C.R. Onsrud (NC), Dimensional Innovations (KS), EGR (OK), Fender (AZ), George J. Rothan Co. (IL), Grabill (IN), Glenn Reider (WI), Goebel Fixture Company (MN), Heartwood Custom Woodworks (CO), IDX (KY), Katalyst Group Inc. (KS), Laminate Works (TX), R.D. Henry and Company (KS), M. Bohlke Veneers (OH), Master WoodCraft Cabinetry (TX), Mortensen Woodwork Inc. (GA), Memphis Millwork (TN), MSW, INC. (MO), Parenti & Raffaelli (IL), Rulon International (FL), Stonewood Studios (TX), Zepsa (NC), National Wood Products (CO), RCS Millwork (KS), Shield Casework (MO)

Ask us about

• Internships/Summer employment
• Scholarships
• Flat rate tuition
• Gorilla Advantage
• Gorilla Edge

For more information contact our faculty

Charlie Phillips, Coordinating Professor
Phone: 620-235-4942
cphillips@pittstate.edu

Dr. Vern Morton, Professor
Phone: 620-235-4376
vmorton@pittstate.edu

Jordan Backs, Assistant Professor
Phone: 620-235-4024
jbacks@pittstate.edu

50/50

Meet new people from all over the country. Fifty percent of our students are from out of state!