

NTC Wood Science Program Overview

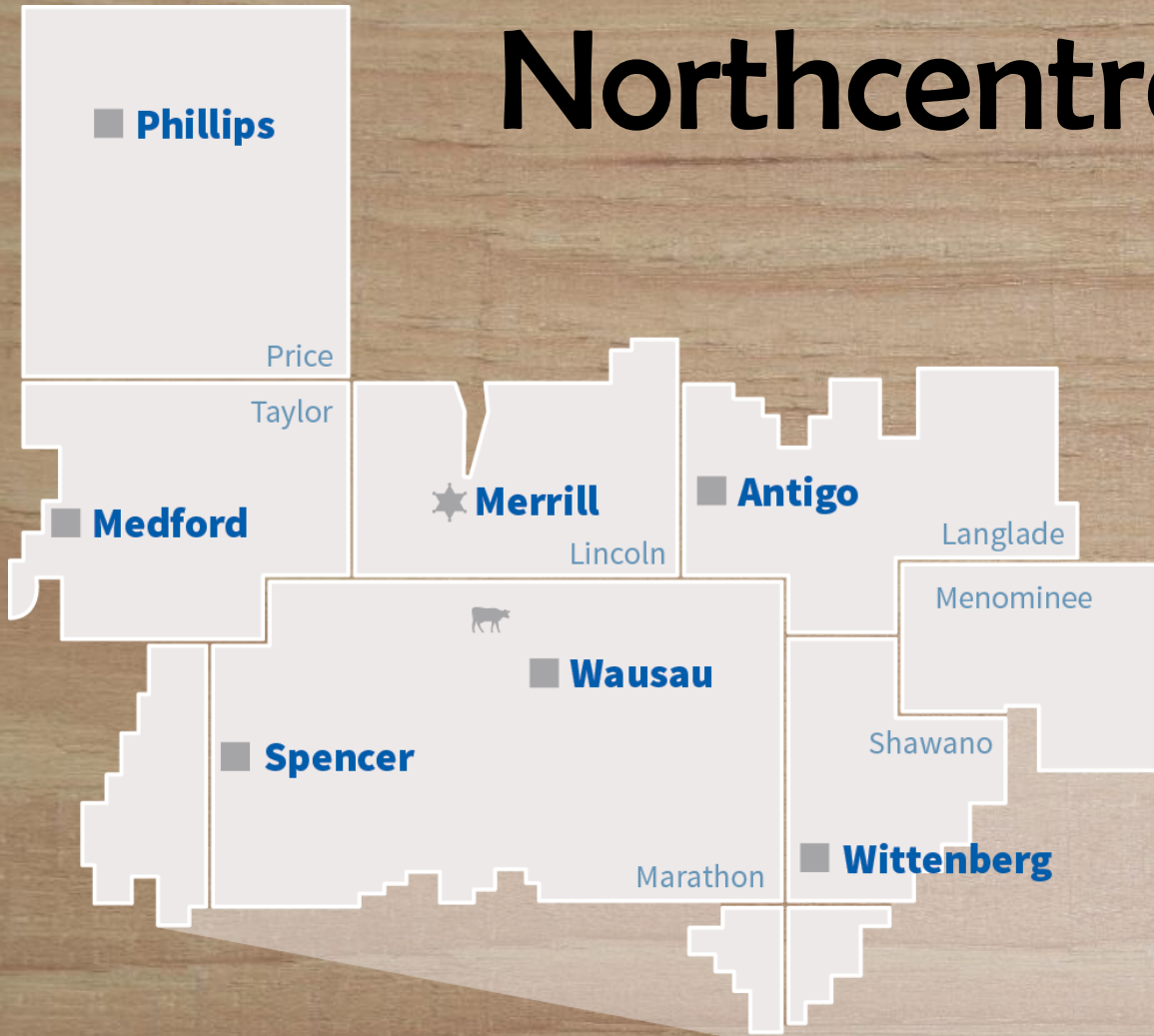
By: Logan Wells

Northcentral Technical College
Wood Technology Center of Excellence

Wisconsin Council on Forestry Meeting
March 22, 2022



Northcentral Technical College



- Main campus in Wausau
- 190+ Different Programs
- Total College Enrollment
 - 9,000 post-secondary students
 - 6,400 continuing education



Wood Technology Center of Excellence

- Built in 2011
- 27,000 ft² state of the art facility
- Program touches on **EVERYTHING** related to wood!
- 4-6 students in a cohort



NTC Wood Science

- 2 yr. program
- 63 credits
- \$11,300 **total**
- \$28-55K starting

Associate
Degree



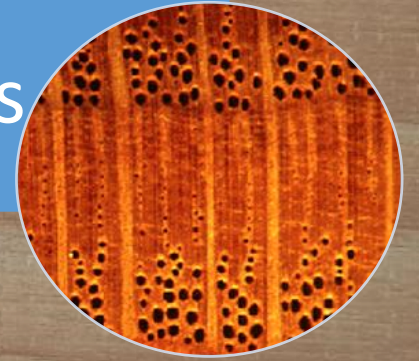
- 1 yr. program
- 32 credits
- \$6,165
- \$28-44K starting

Technical
Diploma



- 5-15 credits
- 6 different areas
 - CNC Router
 - Furniture Making
 - Hardwood Manuf.
 - Saw Filing

Certificates



NTC Wood Science

What does a Wood Science graduate do?!

**Sales and
Customer Support**

Purchasing

Management

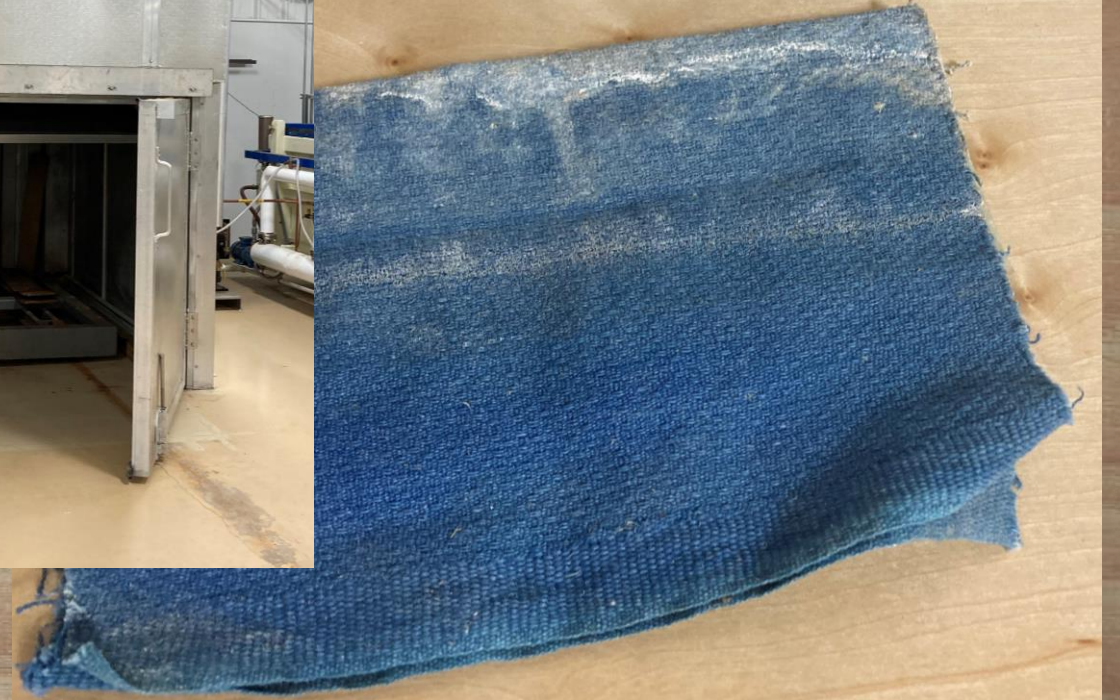
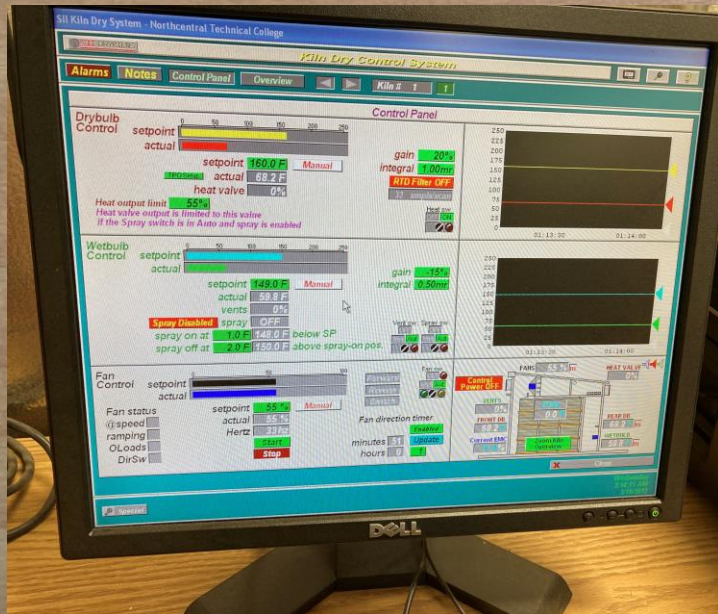
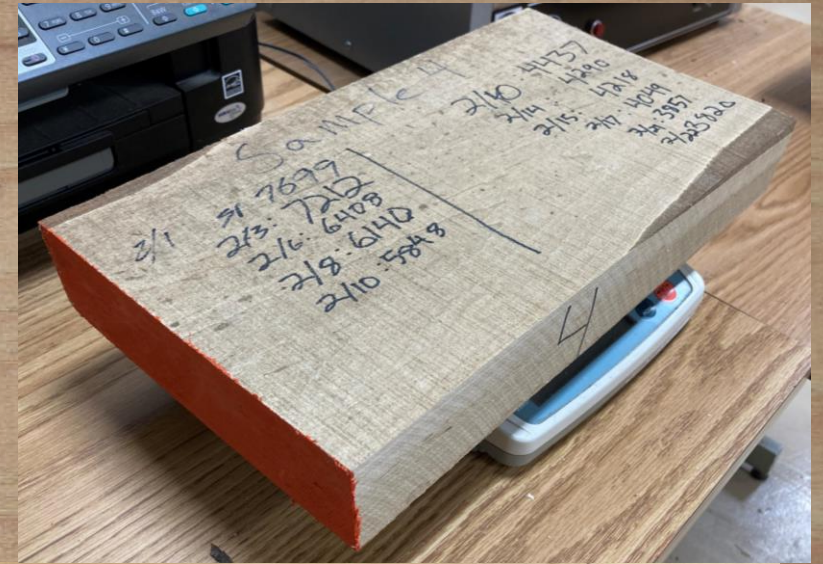
MANUFACTURING

**Product Design
& Development**

Entrepreneurship

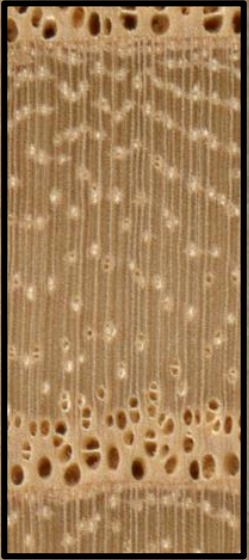
NTC Wood Science

Wood Drying Science



NTC Wood Science

Wood Science



NTC Wood Science

Global Markets



August 27, 2021
VOLUME XCIX
NUMBER 35

Hardwood Market Report

Lumber News Since 1922

US Monthly Exports of Hardwood Lumber

January through June 2021
hardwood lumber exports
were 11.0% higher than the first
half of 2020.

Month	Exports (Million Bd. Ft.)
Jun-18	155.0
Jun-21	117.7

Source: USDA Foreign Agricultural Service
Graph: HMR

US Stats

New Home Permits - July
Total +2.6% over June
+6.0% over July 2020 to 1,635,000 units
Single-family +5.5% over July 2020

New Home Starts - July
Total -7.0% for the month, +2.5% over July 2020
Single-family -4.5% compared to June,
+11.7% over July 2020 to 1,111,000 units

New Home Completions - July
Total +5.0% over June,
+3.8% over July 2020 to 1,391,000 units
Single-family +3.6% over June to 954,000 units

World Watch

Canada - June
IPPI +16.8% over June 2020
RMPI +38.1% over June 2020
CPI +3.1% over June 2020
Construction -4.5% from May

Euro Area - June
Total exports +23.8% over June 2020
Total imports +28.2% over June 2020
Industrial production +9.7% over June 2020

China - July
CPI +1.0% y-o-y
PPI +9.0% y-o-y

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NTC Wood Science

Hardwood Grading & Merchandising



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Secondary Manufacturing 1 & 2



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Sustainable Biomaterials & Energy



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Wood Manufacturing Processes



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Fundamentals of Furniture & Advanced Furniture Making



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Industry Orientation & Safety



NTC Continuing Education

Log Grading & Scaling

Lumber Grading

Kiln Drying

Applied Wood Sci.

Moulder Set Up &

Knife Grinding

Planer Set Up

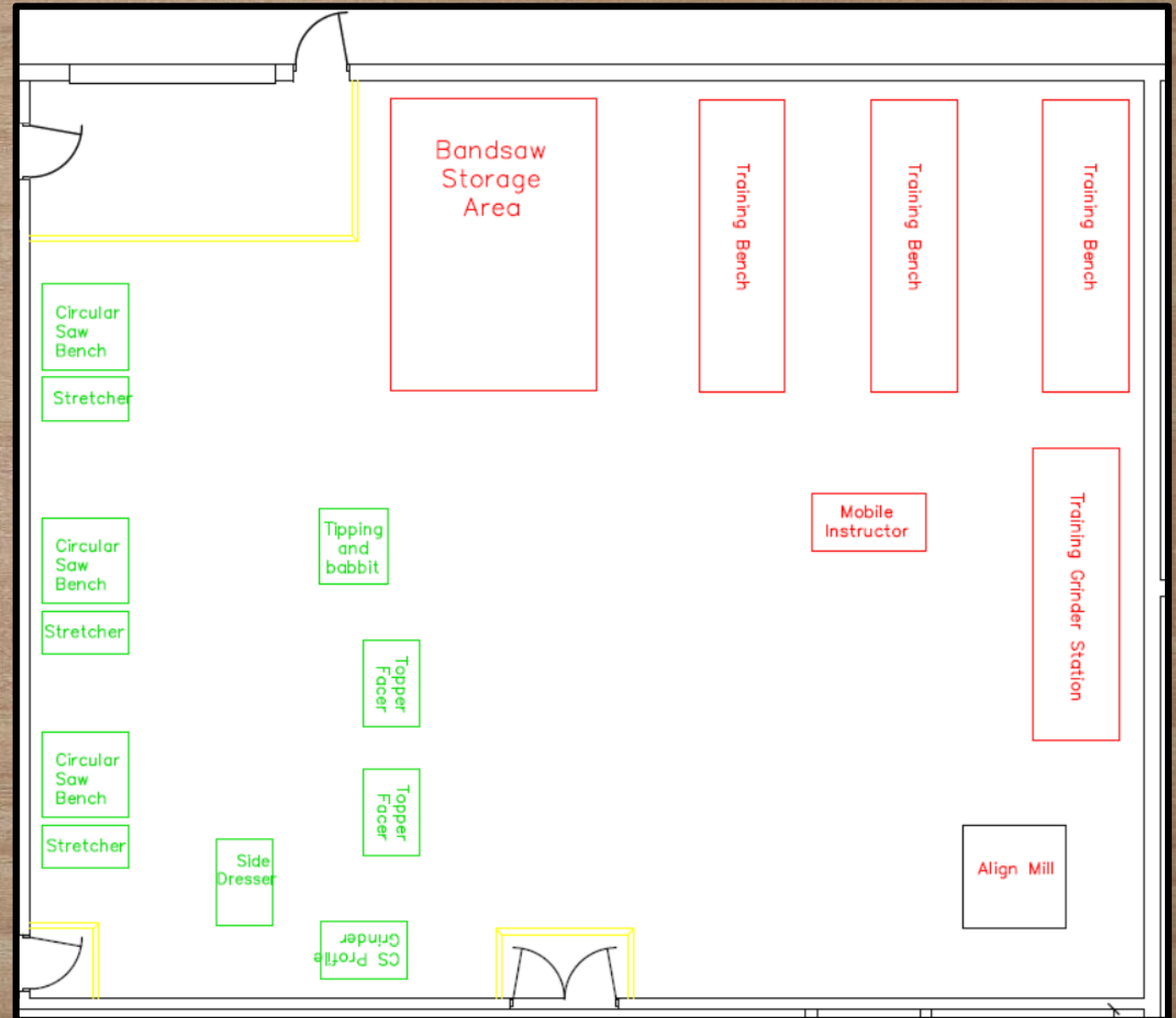
Fine Woodworking



NTC Continuing Education

Saw Filing Program

- Saw Filing Capital Campaign
 - Goal \$105,000
 - Very close!
- Phase 1 well underway
 - Band Saw Filing Certificate
 - All equipment & tools on order
 - September 12th 2022
- 2022 Golf Outing June 3rd



What's ahead....

- **Recruiting students into the program**
- **Showcasing and updating technology**
 - **Wisconsin Forestry Center grant app.**

Other Questions?!?

Logan Wells

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Wood Science Instructor

Wood Technology Center of Excellence

Website: (QR Code)

<https://www.ntc.edu/about/locations-facilities/wood-technology-center-excellence>



Northcentral
TECHNICAL COLLEGE