

Registration Form

Last Name _____ First Name _____ Middle Initial _____

Street Address _____ City _____ State _____ Zip code _____

Home Phone (____) _____ Birthdate ____/____/____ Email Address _____

I'm interested in the following classes: _____, _____, _____, _____, _____, _____

Credit Card: _____ MasterCard _____ VISA _____ Credit Card Number: _____

Expiration Date: _____ Security Code: _____ Signature: _____

The following information is not required, but will help us identify your records should you need an official transcript of attendance. It is kept confidential. Aggregate data on race/ethnicity and high school attendance is used for state and federal funding purposes. Though your response is optional, it is very much appreciated.

Social Security Number _____ or Student ID Number _____

Race/Ethnicity: _____ American Indian, _____ Asian, _____ Black, not Hispanic, _____ Hispanic, _____ White, not Hispanic, _____ Native Hawaiian/other Pacific Islander

Mail registration form with payment to: Northcentral Technical College, Attn: Continuing Education, 1000 W. Campus Drive, Wausau, WI 54401

Workshop Background

This workshop is packed with valuable and important information for kiln operators and managers. The variety and quality of the information make this a must attend event. The workshop will focus on drying systems, controlling lumber quality, species specific drying, wood structure and drying science. Over twenty breakout topics will be covered to help you maintain a successful kiln operation.

This fast-paced workshop will include several lab exercises to apply concepts taught in the classroom.

Who Should Attend?

Kiln Operators, Purchasers, Sales Representatives, Production Supervisors, Plant Managers and others who deal with wood moisture related issues

Location

Northcentral Technical College Antigo Campus
Wood Technology Center of Excellence
312 Forrest Avenue, Antigo, Wis., 54409

Agenda

Monday, August 10 8:00 a.m. – 5:00 p.m. Wood Structure & Drying Science

- The Drying Operation
- Structure of Wood as it Relates to Drying
- Determining the Moisture Content of Wood
- The Use of Kiln Samples
- Wood-Moisture Relations and Shrinkage
- Relationship Between Relative Humidity, Temperature and Equilibrium Moisture Content of Wood
- Kiln Operation Exercise

Tuesday, August 11 8:00 a.m. – 5:00 p.m. Drying Systems

- Drying Stresses and Defects
- Kiln Schedules: Development, Modification and Use
- Equalizing and Conditioning Treatments
- Causes and Control of Sticker, Fungal and Chemical Stain in Lumber Drying
- Lumber Stacking, Air Drying, Shed Drying and Pre-drying
- Effects of Air Velocity on Drying
- Kiln Operation Exercise
- Small Scale Dehumidification and Solar Drying

Wednesday, August 12 8:00 a.m. – 5:00 p.m. Controlling Lumber Quality

- Drying Maple and Other White Woods
- Drying Mixed Species
- Drying Trends: Kiln Size, Lumber Quality and Customer Demands
- The Effective Use of Moisture Meters
- Dry Kiln Instrumentation and Control
- Kiln Buildings and Equipment
- Vacuum Kiln Drying
- Kiln Operation Exercise

Thursday, August 13 8:00 am – 12:00 p.m. Species Specific Quality Drying

- Boiler Basics
- Proper Boiler Maintenance
- Final Kiln Operation Exercise
- Wrap-up and Presentation of Certificates

Speaker Lineup

Travis Allen

Program Director - Faculty,
Wood Science
Northcentral Technical College

Mike Stewart

Boiler Specialist
Western Technical College

Scott Lyon

Forest Product Specialist
WI Dept. of Natural Resources

Bob Pope

Regional Sales Manager,
SII Dry Kilns

Dr. Scott Bowe

Professor, Wood Products Specialist
University of Wisconsin-Madison

Collin Buntrock

Forest Product Specialist
WI Dept. of Natural Resources

Registration Information

\$450 for Great Lakes Kiln Drying Association Members
\$500 for Non-Members

Fees include workshop materials, light morning refreshments and a group dinner on Tuesday evening.

How to Register

Mail	Online	Phone
Send check with completed registration form to:	https://ntcforms.formstack.com/forms/kiln_drying_2020	715.675.3331, option 1
Northcentral Technical College Attn: Registration 1000 W. Campus Drive Wausau, WI 54401		Toll free 888.682.7144, Ext. 5861.

For More Information

Contact Continuing Education at 715.803.1034 or 888.682.7144, Ext.1034 or ce@ntc.edu

Hotel Information

Super 8 Hotel
715.623.4188

535 Century Avenue, Antigo

A room with two queen beds and light housekeeping services during the week. A full breakfast consisting of cereal, breakfast sandwiches, oatmeal and pastries is provided.

Holiday Inn Express
715.627.7500

2407 Neva Road, Antigo

A full hot breakfast plus cereal, fruits and pastries is provided.

Non-profit Org.
U.S. Postage
PAID
Permit No. 578
Wausau, WI



Kiln Drying
NTC Antigo Campus
August 10 - 13, 2020

RETURN SERVICE REQUESTED



Kiln Drying Short Course Drying Quality Lumber

August 10 - 13, 2020
Antigo, WI



**Presented by Northcentral Technical College and the
Great Lakes Kiln Drying Association**