

Kiln Drying Workshop: *Drying Quality Lumber for Profit*

January 6-9, 2003
Syracuse, NY

Sponsored by—

**Wood Utilization Service and Faculty of Construction
Management and Wood Products Engineering, SUNY-ESF
and**



In cooperation with
New England Kiln Drying Association

This course will provide practical knowledge about how wood is effectively kiln dried, and scientific background on related wood properties and drying processes. It will have value for novice as well as experienced kiln operators, and sales, purchasing, marketing and manufacturing managers. Instruction, by university professors and various industry experts, will be in the classroom and through hands-on lab exercises using our modern kiln.

Instructors will include:

Dr. William B. Smith, Professor Wood Products Engineering, SUNY-ESF

Dr. Bob Meyer, Professor Wood Products Engineering, SUNY-ESF

Dr. William W. Rice, Drying Consultant (tentative)

Dean Huber, USDA Forest Service (invited)

Industry representatives.

Workshop Location: SUNY College of Environmental Science and Forestry, Syracuse, NY. Directions will be sent with acknowledgement of registration

Lodging: A block of rooms is available for January 7,8 and 9 at the Sheraton University Hotel, 801 University Avenue, Syracuse, within walking distance of the college. The special workshop room rate is \$102 single/ \$112 double per night. Call the Sheraton at 315-475-3000 and ask for the Kiln Drying Workshop rate when you reserve your room.

We also have a block of rooms at the Hawthorn Suites, 416 S. Clinton St., 315-425-0500. The rate there is \$99 per night including full breakfast. The Hawthorn Suites is located in Armory Square, Syracuse's restaurant, shopping, and entertainment district.

There also other hotels within driving distance.

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Registration

To Register: *Preregistration is required.* Simply fill out and mail the registration form with your registration fee. You may register by phone by calling ESF Continuing Education at (315) 470-6891; or fax to (315) 470-6890.

Registration fee: Early registrations, *received* by December 27, are eligible for the discount fee of \$395. Government or corporate purchase orders received by the deadline also qualify for the early discount. If received after December 27, the full fee is \$450. The workshop fee includes dinner on January 6, lunches, refreshments and materials.

Fees are payable to SUNY-ESF.

VISA or MasterCard also accepted.

Refunds: SUNY-ESF reserves the right to cancel any program in the event of insufficient registrations. A full refund will be given if a program is canceled. Participants who wish to withdraw must give written notice one week in advance to receive a full refund. After that date a \$25 cancellation fee will be charged. Substitutions are permissible at any time.

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Registration Form

Print and Mail or Fax to ESF Continuing Education

Name _____

Organization _____

Address _____

City _____ State _____ Zip _____

Phone (____) _____ Fax (____) _____

email _____

Special needs: _____

Register me for the *Kiln Drying Workshop* on January 7-10, 2002.

Enclosed is my course fee:

If received by December 27, 2002: \$395

If received after December 27, 2002: \$450

Make checks payable to SUNY-ESF.

Credit card payment: VISA MasterCard

Account #: _____

Expires: _____ Signature: _____

Mail or fax form to:

ESF Continuing Education
SUNY College of Environmental Science & Forestry
1 Forestry Drive, Syracuse, NY 13210-2784
FAX: 315-470-6890

Early Registration Deadline: December 27, 2002

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Preliminary Program Topics

Monday, January 6

9-9:30 a.m. **Registration**

9:30-4:30 ***Wood Fundamentals***

Wood-Water Relations
Wood Structure and Anatomy
Moisture Determination
Drying Degradation
Lab exercise – kiln operation
Group dinner

Tuesday, January 7

8:30-4:30 ***Managing Drying Operations***

Air and Predrying
Controlling Kiln Operation
Kiln Schedules
Steam Kilns
Dehumidification Kilns
Vacuum Kilns
Lab exercise – kiln operation
Syracuse University v. Seton Hall basketball in the Carrier Dome. *Tickets on your own*

Wednesday, January 8

8:30-4:30 ***Dry Kiln Operation and Maintenance***

Air velocity
Kiln Buildings and Maintenance
Moisture meters
Lab exercise – kiln operation

Thursday, January 9

8:30-11:30 ***Lumber Quality***

Prevention of stain and discoloration
Control of warp
Checking, splitting, honeycomb
Lab exercise - kiln operation
Open discussion
Pass out certificates