Two-Day Lumber Drying Workshop at Your Mill

Air, Water, and Wood
Wood Anatomy
How Water Affects Wood
Wood-Water Relations
Stain Control
Drying Degrade
Energy and Costs
Moisture Samples

Heating, Ventilation, and Humidification
How Kilns are Controlled
Air Velocity and Stacking
Modernizing Kilns for Improved
Performance and Energy Recovery
Scheduling & Loading
Kilns and the Environment
Other Drying Systems
High Temperature Drying

Kiln Maintenance
Moisture Detectors
Pneumatic Controller Troubleshooting and
Maintenance

Schedules
Schedules for Western Woods
Discussion on Schedules
Monitoring Quality in Drying

Review of wood and water relationships
Wood fundamentals for drying
Drying rates
How wood dries
Drying Defects
Drying schedules
Air velocity and stacking
Energy use/managing the mill for drying
Process control

Instructor: Jim Reeb, Associate Professor