

LUMBER QUALITY & PROCESS CONTROL

September 26-27, 2011

LUMBER QUALITY LEADERSHIP

September 28-29, 2011

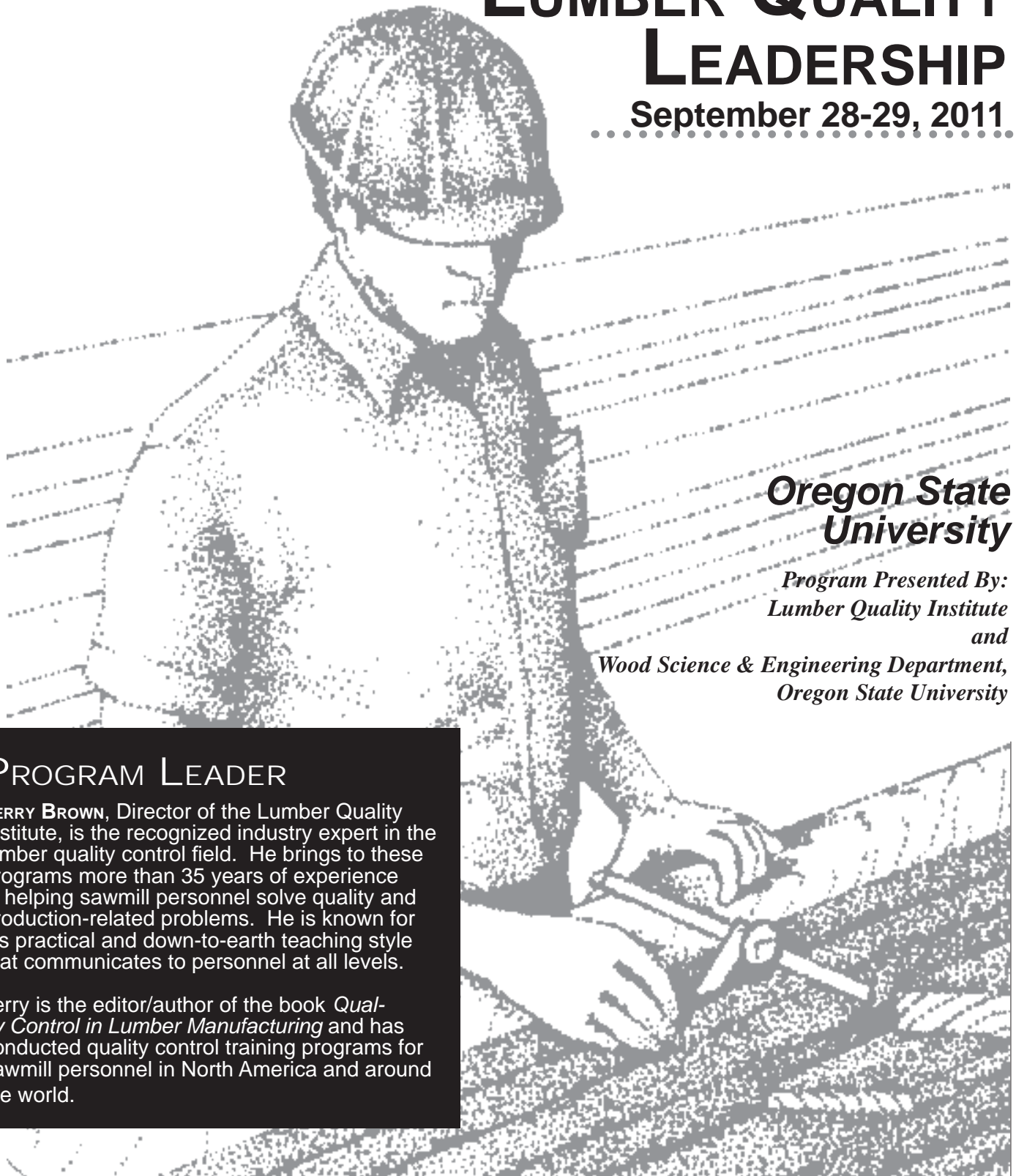
**Oregon State
University**

*Program Presented By:
Lumber Quality Institute
and
Wood Science & Engineering Department,
Oregon State University*

PROGRAM LEADER

TERRY BROWN, Director of the Lumber Quality Institute, is the recognized industry expert in the lumber quality control field. He brings to these programs more than 35 years of experience in helping sawmill personnel solve quality and production-related problems. He is known for his practical and down-to-earth teaching style that communicates to personnel at all levels.

Terry is the editor/author of the book *Quality Control in Lumber Manufacturing* and has conducted quality control training programs for sawmill personnel in North America and around the world.



LUMBER QUALITY & PROCESS CONTROL

Invest in the future

There is no better investment you can make for the long-term health of your mill than to increase the quality and process control skills of your people.

These programs have earned the reputation for providing practical, mill-tested information that has been applied by producers to make millions of dollars in increased revenues. Most companies who send personnel to these training programs do so year after year. Managers look to them as effective tools for educating supervisors from all areas of the sawmill.

Who should attend

*Quality Control Supervisors & Technicians
Production Supervisors
Filing & Maintenance Personnel
Process Control Technicians
Key Operators*

Workshop objectives

1. Insure that production and quality control is in balance so that both recovery and production increase.
2. Recognize and eliminate costly mistakes that rob a company of its maximum profitability.
3. Fine tune or improve an existing quality and process control program.
4. Understand how changes in kerf, target, price, wane allowance, etc. interact to influence profitability.
5. Maintain an effective lumber size-control program.
6. Learn about new developments in automated size control.
7. Maintain an effective lumber drying program focused on reducing moisture variability and drying degrade.

What to expect

There are several key activities that must be accomplished for a Lumber QC program to be successful: managing the quality function, involving employees in problem solving, and finding long-term solutions to problems. Each of these activities support a QC program's basic goal of meeting customer requirements while maximizing the value, recovery, and lumber production. Attendees will have an opportunity to work with topics that address these key activities.

MONDAY, SEPTEMBER 26

8:00 Quality Essentials

Identify the critical areas for Q.C. success.
Terry Brown

9:00 A \$100,000+ Opportunity

This visual tour from woods to shipping will show how your mill can gain more than \$100,000.
Terry Brown

11:00 Achieving Quality Results

Learn about Roseburg's overall QC program and how real-time size control benefits the program.
*Dave Reader, Quality Control Supervisor,
Roseburg Forest Products., Dillard, OR*

12:00 Lunch

1:15 Introduction to SOP's

Learn the concepts of setting up and implementing Standard Operating Procedures.
Terry Brown

2:15 Question/Answer Session

Solving real-world Q.C. problems.

3:15 Productivity & Motivation

Being motivated and productive makes your job enjoyable and your company profitable. Learn techniques that will make a big difference!
Terry Brown

4:30 Adjourn

TUESDAY, SEPTEMBER 27

8:00 Effective Lumber Size-Control

Understand the concepts of effective size control (what all those numbers mean) and how to get the most value from your program.
Terry Brown

10:00 Evaluating Dollar Impacts of Size Control

Here is a real world look at the impacts of kerf, target size, and wane reductions on value based on the MaxiView optimizing software program, and also an OSU study.
Terry Brown

12:00 Lunch

1:00 Real Time Size Control

Learn about two of the mill-wide real-time lumber size monitoring programs that are being installed in mills today.

SiCam RealTime System -

*Todd Buchanan, Partner SiCam Systems
Surry, BC Canada*

SizeCheck Automatic Lumber Monitoring -

*Earl Barker, President, EB Associates,
Enumclaw, WA*

2:30 Question/Answer Session - Solving real-world Q.C. problems.

*

3:15 Lumber Drying Quality Control

More money is lost because of drying mistakes than almost any other single factor. Learn how to make your drying program one of the best.
*Mike Milota, Professor,
Wood Science and Engineering Department
OSU*

4:30 Adjourn

LUMBER QUALITY LEADERSHIP

WEDNESDAY, SEPTEMBER 28

- 8:00 Effective Quality Management**
Understand some of the key factors necessary to manage a dynamic lumber QC program that has flexibility yet gets results.
Terry Brown
- 9:00 Quality Problem Solving**
Learn not only about problem solving tools, but how to recognize basic problem types and how to solve them.
Terry Brown
- 11:45 Lunch**
- 1:15 Effective Leadership**
Learn about the leadership development program at Tillamook Lumber Co.
*Mark Elston, Plant Manager
Hampton Affiliates
Tillamook, OR*
- 3:45 Ten Greatest Mistakes in Quality Control**
Learn what keeps lumber quality control programs from achieving true excellence.
Terry Brown
- 4:30 Adjourn**

THURSDAY, SEPTEMBER 29

- 8:00 Managing Change Effectively**
Learn how to identify and use changing frames of reference in the work environment to be more effective in your job.
Terry Brown
- 10:00 "Win As Much As You Can"**
This exercise, which actively involves all participants, is a vivid example of the effect of competition on the bottom line.
Terry Brown
- 10:45 Understand Sawmill Business Metrics**
Learn about the key business metrics that make a sawmill profitable or unprofitable.
Terry Brown
- 11:45 Lunch**
- 1:00 Statistical Process Control**
Learn the basic concepts of SPC relating to lumber production
*Scott Leavengood, Director
Oregon Wood Innovation Center, OSU
Corvallis, OR*

2:00 Communications Styles

This powerful exercise provides attendees with a vivid example of why some communications styles work and others don't in the everyday experiences of working in a sawmill.
Terry Brown

3:45 Present Certificates & Adjourn

REGISTRATION FEES

Lumber Quality & Process Control - \$725

Lumber Quality Leadership - \$850

The registration fee includes all course materials and refreshments throughout each day.

How to Register

To enroll in either or both of these courses, contact: Conference Services at 800-678-6311 or 541-737-9300 and tell them which course(s) you are registering for.

You can also register online at:

<http://oregonstate.edu/conferences/events/lumberquality2011>.

Cancellations

Cancellation request need to be made in writing no later than September 12th, 2011. Requests made on or before September 12, 2010 will receive a full refund of their registration. Refunds will not be granted for cancellation requests made after September 12th, 2011. Substitutions may be allowed at any time and special consideration may apply. If either or both of these programs is cancelled, liability of OSU and the Lumber Quality Institute will be limited to the return of your registration fee.

Location

Both programs will be taught in Richardson Hall Room 107, 3180 SW Jefferson Way on the OSU Campus. The OSU Conference Services office will provide additional information including lodging options.

