



Global Learning Center

Leading the learning revolution in our industry

Optimization courses – 2026

Comact optimization systems – in-class learning
Transverse optimization systems
GradExpert™, TrimExpert™, EdgExpert™, Edger, and Trimmer

Introduction to Transverse Systems

Beginner level | 4-day course

Designed for

Maintenance, quality assurance, and supervisory personnel

Objective

The Introduction to Transverse Systems course provides participants with a comprehensive understanding of the fundamental concepts, principles, and applications of transverse systems used in wood processing.

What you'll like

Hands-on learning, optimized student/instructor ratio

What you'll learn

- Introduction to the GradExpert™, TrimExpert™, EdgExpert™, Edger, and Trimmer transverse optimization systems
- Basic learning opportunities on transverse optimization systems
- Basic user interface settings
- Basic troubleshooting and problem solving

Benefits

- Improve your knowledge and skills for the management of transverse optimization systems
- Resolve most issues internally
- Reduce calls for support
- Reduce equipment downtime when issues arise

2026 classes

January 20 • February 17 • April 21 • May 12 • July 14 • August 11 • October 13 • November 10

Advanced Transverse Systems

Advanced level | 4-day course

Designed for

Maintenance, quality assurance, and supervisory personnel

Objective

The Advanced Transverse Systems course is designed to equip participants with an expert-level analysis of complex transverse system configurations and their impact on lumber production, efficiency, and quality. Additionally, learners will be able to identify and diagnose potential issues and malfunctions within transverse systems, employing advanced troubleshooting techniques to maintain seamless sawmill operation.

What you'll like

Hands-on learning, optimized student/instructor ratio

What you'll learn

- Managing market or log diet changes or simulations
- Impact of parameter changes on lumber demonstrated by scanning lumber in the training scanner
- Analyzing scanning solutions

Benefits

- Facilitate the management and operation of transverse optimization systems
- Improve optimization results
- Reduce equipment downtime when issues arise
- Troubleshoot on your own
- Resolve most issues easily
- Reduce calls for support

2026 classes

January 27 • April 7 • June 9 • August 4 • October 6 • December 1



Transverse Optimization Systems / Technical

Electrical and hardware components |
2-day course

Designed for

Electrical, maintenance, and quality assurance personnel

Objective

Provide the theory and practical knowledge to troubleshoot, repair and maintain the system components

What you'll like

Hands-on learning on the optimization system hardware, computers, and electrical components

What you'll learn

- Component replacement procedures
- Proper cleaning procedure for computer cabinet
- Proper cleaning procedure for a transverse optimization system (e.g., the GradExpert™)
- Proper shutdown procedure for the computer cabinet
- Calibration procedures for the light curtain, laser heads and cameras

Benefits

- Advanced knowledge of the electrical and hardware components
- Troubleshoot and resolve electrical and hardware issues on your own
- Reduce calls for support

2026 classes

March 11 • June 17 • September 2 • December 9

Introduction to Linear Systems

Log bucking, log sorter, primary and
secondary breakdown equipment C1/C2 |
3-day course

Designed for

Maintenance, quality assurance, and supervisory personnel

Objective

Provide the theory and practical knowledge to fully manage the linear system while acquiring new competencies and skills

What you'll like

Hands-on learning, optimized student/instructor ratio

What you'll learn

- Introduction to the sawmill linear optimization systems which includes log bucking, log processing and cant optimization
- System configuration and interface management
- Calibration procedures
- Troubleshooting of the hardware and electrical components

Benefits

- Facilitate the system configuration and interface management
- Improve optimization results
- Reduce equipment downtime when issues arise
- Reduce calls for support

2026 classes

January 13 • March 10 • May 19 • July 7 • September 15 •
October 27

LEARNING HIGHLIGHTS

- Learning provided by specialists
- General and in-depth learning for the different categories of employees in a mill
- Optimal student/instructor ratio to ensure maximum engagement and learning
- Individual workstations allow students to simulate and get hands-on experience
- All in-class learning is provided at Comact's Global Learning Center in St. George, South Carolina

Contact us at GlobalLearningCenter@comact.com for more details
and to schedule a course, or contact your account manager.

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