



# TRAINING SOLUTIONS

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800-362-4601 | [MAZZELLACOMPANIES.COM](http://MAZZELLACOMPANIES.COM)



# TRAINING SOLUTIONS



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## BASIC RIGGING AND INSPECTION

- Rigging Introduction
- Rigging Inspection
- Rigging Selection
- Load Handling Activities
- Equipment Testing
- Rigging Knots
- Common Sling and Hardware Applications
- Good Rigging Practices
- Industry Organizations and Personnel

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## OVERHEAD CRANE OPERATOR

- Crane Types and Applications
- Crane Classifications and Operator Qualification
- Crane Components and Controllers
- Pre-Use Inspections
- Crane Functions
- General Operating Practices
- Crane Limitations
- Signal and Radio Communication
- Crane Operator Responsibilities
- Crane Incidents

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## CRANE SIGNALPERSON

- General Knowledge (Crane Types, Crane Capacities, Safety Considerations)
- Hand Signals
- Voice Signals and Other Audible Signals
- Hoisting Personnel





## TRAINING CENTERS

State-of-the-art training facilities provide hands-on learning opportunities where students can test and expand their working knowledge under the careful guidance of knowledgeable instructors.

### CLEVELAND, OH MAZZELLA / ITI

1948 Carter Road  
Cleveland, OH 44113

### TAMPA, FL MAZZELLA / ITI

2651 State Road 60 West  
Bartow, FL 33830

### HOUSTON, TX

5213 Center Street  
Pasadena, TX 77505

### MEMPHIS, TN

1701 Dunn Avenue  
Memphis, TN 38106

### EDMONTON

1803 - 11th Street  
Nisku, Alberta T9E 1A8

### WOODLAND, WA

9428 Old Pacific Highway  
Woodland, WA 98674





# VR CRANE SIMULATIONS

ITI is very excited to introduce a new generation of simulation for crane and rigging activities. ITI's Virtual Reality Crane and Equipment Training suite was developed in partnership with OEMs (Tadano, Link-Belt, Broderson, Liebherr, and more) to ensure an experience on par with operating the exact machinery each simulation was designed to replicate. Varied scenarios and virtual crane simulation courses offer the range of challenges needed to turn beginners into experts.

- **9 Unique Crane Types** – Built to OEM specs, including, in cab and Belly Box-operated Overhead Cranes, and more!
- **1,000+ Scenarios** – Focus on specific skills or work your way through one of the pre-made comprehensive lesson plans.
- **Safe Practice** – Expose operators to situations too difficult to replicate on an actual crane such as variable weather.
- **Hardware Options** – Portable Desktop and immersive Motion-Base platforms are available to meet your team's needs.



## CLIENT SITE TRAINING

Schedule ITI's award-winning training to be conducted at your location. We bring all our materials and use your equipment to deliver courses to match your employee and location requirements. Training at your location is efficient, limits the students' time away from the job, and eliminates travel expenses.



## ONLINE, ON-DEMAND TRAINING

Choose from the world's largest (and growing), collection of crane, rigging, and load handling content to fit your team's specific training needs. Content libraries include:

- Crane and Rigging Fundamentals
- Certification Prep
- Advanced Crane and Rigging
- Product Training from OEMs
- General and Industry Specific Health and Safety
- Regulatory Compliance
- Rigging Engineering

### Online, On-Demand content features:

- Interactive workshops
- Technical lectures
- Custom produced videos, animations, and 3D models
- Instructor-guided learning objectives

Which can be seamlessly connected to an existing learning management systems (LMS) or delivered via the ITI Learning Hub platform.









# ITI SIMULATIONS

## INSPECTION AND TECHNICIAN TRAINING AND ASSESSMENTS

ITI has collaborated with industry partners to develop a robust library of long-form simulation to support training, assessment, and performance support. ITI inspection and technician simulations can be delivered to a VR headset, or standard browser, through the ITI Learning Hub.

### OVERHEAD CRANE INSPECTOR

This practical assessment allows the learner to put their newly acquired skills and knowledge to use by virtually inspecting an overhead crane. ITI inspection simulations track learner progress, provide remedial feedback, and deliver user results to the ITI Learning Hub.

### OVERHEAD CRANE TECHNICIAN

This training simulation and practical assessment allows the learner to put their newly acquired skills and knowledge to use by inspecting and troubleshooting systems and components. Technicians can use a virtual tool kit to replace parts and restore system functionality. ITI inspection simulations track learner progress, provide remedial feedback, and deliver user results to the ITI Learning Hub.

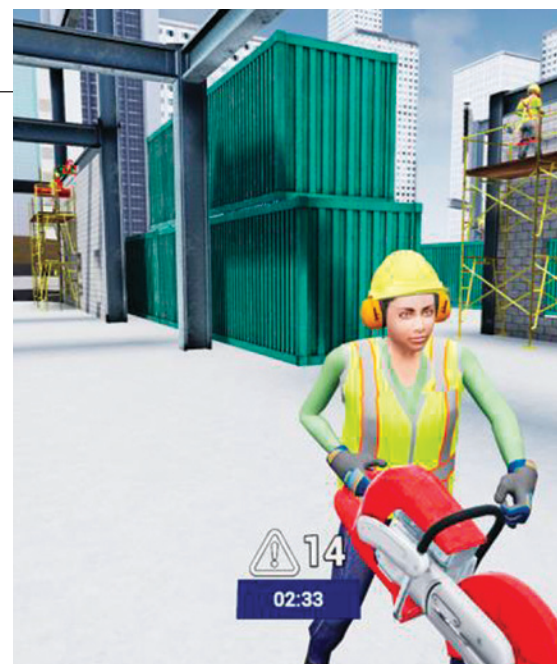
## CONSTRUCTION HAZARD IDENTIFICATION TRAINING

ITI VR Construction Hazard Training allows learners to experience a working construction site while identifying hazards across 10 risk domains, including Falls, Struck by Object, Electrocutions, and Caught-in/between, the “fatal four” dubbed by OSHA.

## CONSTRUCTION SAFETY

A bundle of simulated training and assessment tools for Construction Safety Professionals to help reduce accidents and increase hazard awareness.

- Fall Protection
- Trenching and Excavation
- Scaffolding
- Electrical Hazards
- Ladder Safety



# ALL ITI TRAINING CURRICULUMS

## COURSE TYPES:

ILT = INSTRUCTOR LED TRAINING

OLS = ONLINE

## RIGGING AND SIGNALPERSON

Rigging Hardware Basics (OLS)  
Introduction to Rigging and Load Handling (OLS)  
Fundamentals of Slings and Rigging Equipment (OLS)  
Basic Rigging and Inspection Online (OLS)  
Basic Rigging and Inspection (ILT)  
Intermediate Rigging (ILT)  
Trained Wire Rope User (ILT)  
Bull Rigging with Chain Hoists (ILT)  
Bull Rigging Online (OLS)  
Rigger I and II Test Prep Online (OLS)  
Master Rigger (ILT)  
Advanced Rigging Online (OLS)  
Rigging Gear Inspector Level I (ILT)  
Rigging Gear Inspector Level I - USA Online (OLS)  
Rigging Gear Inspector Level III (ILT)  
NCCCO Rigger Level I Prep and Exams (ILT)  
Rigger I Test Prep Online (OLS)  
Signalperson Certification Test Prep (OLS)  
NCCER Basic Rigger Certification Test Prep Online (OLS)  
Signaling for Mobile and Overhead Cranes (OLS)  
NCCCO Rigger Level II Prep and Exams (ILT)  
NCCCO Signalperson Prep and Exams (ILT)  
Qualified Rigger and Signalperson Exams (ILT)  
Qualified Sling Fabricator (ILT)  
Basic Entertainment Rigging and Inspection (OLS)  
Math Primer for Construction and Industrial Workforce (OLS)

## CRANES — ALL TYPES

Mobile Crane Operator Skills Building (ILT)  
Mobile Crane Configurations (OLS)  
Mobile Crane Load Chart Basics (OLS)  
Mobile Crane Principals (OLS)  
Mobile Crane Setup Basics (OLS)  
Boom Truck Operator (ILT)  
Overhead Crane Operator - Qualified (ILT)  
Pedestal Crane Operator (ILT)  
Severe Weather Effects on Crane Operations (OLS)  
Overhead Crane Operator Online (OLS)  
Suspended Personnel Platform Trained User (OLS)  
Working-At-Heights Around Mobile Cranes (OLS)  
Carry Deck Operator (ILT)  
Articulating Boom Crane Operator (ILT)  
Mobile Crane Operator - Qualified (ILT)  
Mobile Crane Operator Evaluator (OLS)  
Mobile Crane Inspector (ILT)  
Overhead Crane Inspector (ILT)  
Overhead Crane Operator Online (OLS)  
Pedestal Crane Inspector (ILT)  
NCCCO Mobile Crane Operator Prep and Exams (ILT)  
Articulating Boom Crane Operator Test Prep (OLS)  
Mobile Crane Operator Test Prep Online (OLS)  
NCCCO Overhead Crane Operator Prep and Exams (ILT)  
Overhead Crane Inspector Online (OLS)  
Overhead Crane Operator - Recertification (OLS)  
Overhead Crane Electronic Fundamentals (OLS)

## LIFT PLANNING AND MANAGEMENT

Crane Assembly and Disassembly Director (ILT)  
Forklift Operator (ILT)  
Forklift Inspector (ILT)  
Mobile Elevated Work Platform Inspector (ILT)  
Mobile Elevated Work Platform Operator (ILT)  
Crane and Rigging Management Bootcamp (ILT)  
Lift Planning Bootcamp (ILT)  
Accident Investigation (ILT)  
Field Leadership Essentials (OLS)  
Critical Lift Planning (ILT)  
Lift Director (ILT)  
Equipment Spotter (OLS)

## RIGGING ENGINEERING

Alternative Load Handling Equipment Engineering and Applications (OLS)  
Crane and Derrick Engineering, Installation and Planning (OLS)  
Engineering Principles for Rigging and Load Handling (OLS)  
Lift Planning Procedure Considerations and Execution (OLS)  
Rigging and Load Handling Equipment Engineering and Applications (OLS)  
Specialized Transport Planning and Engineering Considerations (OLS)  
Standards and Regulations for Load Handling Equipment (OLS)  
Rigging Engineering Calculations (OLS)





**MAZZELLA®** + **ITI**



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