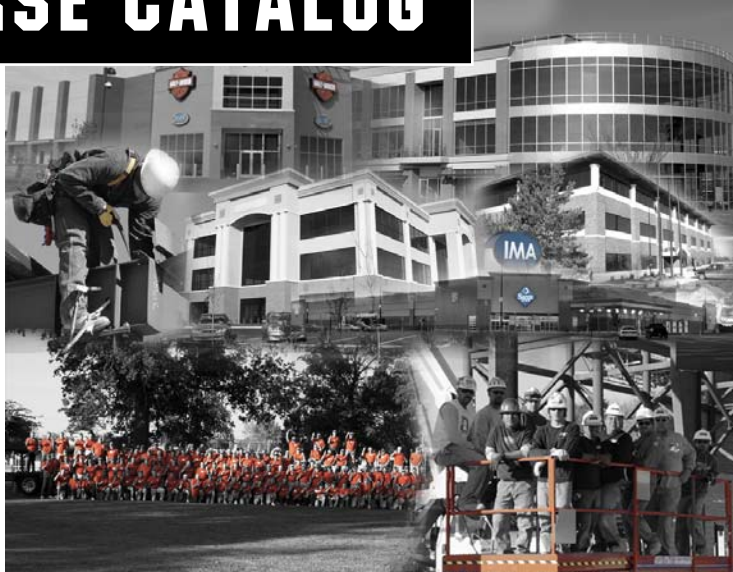


COURSE CATALOG



NOTICE:

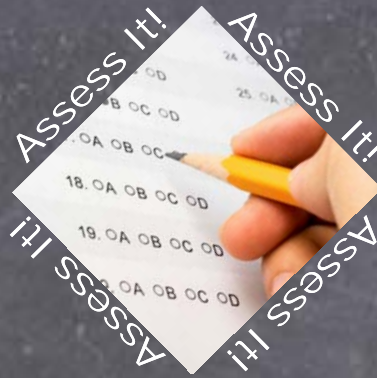
Training within this catalog is only currently available to active employees who have successfully completed the 90 day probationary period and who have obtained approval from their supervisor.

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TABLE OF CONTENTS

Assess It!	4
Carpenter Apprenticeship	6
Computer Applications Courses.....	8
Crossland Academy Online	12
Concrete Training & Certifications	13
Crane Operator Certification.....	14
Green Training	16
LEED Certification.....	17
Ironworker Apprenticeship	18
Ironworker General Courses.....	20
Mobile Training Unit	21
Leadership Training.....	22
Lean Construction Training	23
Safety.....	26



Want More Info?

Ready To Schedule?



620.429.1414



education@crosslandconstruction.com

Crossland Academy offers online assessments through the National Center for Construction Education and Research to gauge expertise in numerous craft areas and skill levels. Talk with us about assessing your abilities and setting up training options that will work best for you.

Assessment Centers:

Corporate Office
833 S. East Avenue
Columbus, KS 66275

Arkansas Office
1800 S. 52nd Street
Suite 300
Rogers, AR 72758

Texas Office
861 N. Coleman
Suite 100
Prosper, TX 75078

Available Assessments

Academic Career Tests

- Carpentry Level One V2
- Construction Technology V2
- Core: Introductory Craft Skills V2
- Electrical Level One
- Heavy Equipment Operations Level One
- HVAC
- Masonry Level One
- Welding

Entry-Level

- Carpenter Level One V2
- Construction Technologist V2
- Core: Introductory Craft Skills
- Electrician Level One V2
- Heavy Equipment Operator Level One
- Masonry Level One *
- Rigging Fundamentals *

Journey-Level

- Boiler Technician
- Commercial Carpenter
- Commercial Electrician
- Concrete Finisher *
- Drywall Mechanic
- Electronic Systems Technician
- Finish Carpentry
- Form Carpentry
- Frame Carpentry
- HEO: Backhoe
- HEO: Dozer
- HEO: Excavator
- HEO: Forklift
- HEO: Loader
- HEO: Motor Grader
- HVAC Technician
- Hydro-blasting Technician
- Industrial Boilermaker
- Industrial Carpenter *
- Industrial Electrician
- Industrial Insulation *
- Industrial Ironworker
- Industrial Maintenance: Electrician
- Industrial Maintenance: Mechanic

- Industrial Maintenance: Support Mechanic
- Industrial Millwright
- Industrial Painter
- Industrial Pipefitter *
- Instrumentation Fitter
- Instrumentation Technician
- Mobile Crane Operator
- Plumber
- Reinforcing Ironworker *
- Rigger
- Scaffold Builder *

Management

- Foreman
- Supervisor

Pipeline

Gas

- Gas Maintenance Technician
- Gas Pipeline Operations
- Abnormal Operating Conditions-Control Center
- Abnormal Operating Conditions-Field

Liquid

- Field Operations Technician
- Control Center Operations Technician
- Mechanical Pipeline Technician
- Abnormal Operating Conditions-Control Center
- Abnormal Operating Condition-Field

Liquid and Gas

- Electrical and Instrumentation Pipeline Technician
- Corrosion Prevention Field Technician 1-Installation
- Corrosion Prevention Field Technician 1-Measurement
- Corrosion Prevention Field Technician 2
- Corrosion Prevention Field Technician 3
- Custom Pipeline Maintenance Technician
- NDT: Radiographic Film Interpretation of Pipeline Welds
- Pipeline Maintenance Technician

CARPENTER APPRENTICESHIP



About the Program

Crossland's Carpentry program became a registered apprenticeship program in 2005. Since its inception, over 150 students have participated.

Crossland's apprentices receive a minimum of 144 hours a year of technical instruction and log 2,000 hours a year of on-the-job training. Upon completion of the program the graduate will receive a journey level carpentry card. This card is recognized by the United States Department of Labor. Graduates will also have all their carpentry modules registered with NCCER's National Registry.



www.kansasapprenticeship.org

Curriculum:

National Center for Construction Education and Research Contren Learning Series

This series has been developed by the construction industry to provide instruction in all areas of carpentry needed to be a competent commercial carpenter.

CARPENTRY FUNDAMENTALS (1)

This carpentry course provides instruction in these modules:

- Orientation to the Trade*
- Building Materials, Fasteners, & Adhesives*
- Hand & Power Tools*
- Reading Plans & Elevations*
- Floor Systems*
- Wall & Ceiling Framing*
- Roof Framing*
- Intro to Concrete, Reinforcing Materials, & Forms*
- Windows & Exterior Doors*
- Basic Stair Layout*

Participants must pass NCCER Core Curriculum (includes Basic Safety*) tests before completion of the first half of the course.

Prerequisites:

- OSHA 10 Hour
- 0-4 years of construction experience

CARPENTRY FINISHING & FRAMING (2)

This carpentry course provides instruction in these modules:

- Commercial Drawings
- Roofing Applications*
- Thermal & Moisture Protection*
- Exterior Finishing
- Cold-Formed Steel Framing
- Drywall Installation
- Drywall Finishing
- Doors & Door Hardware
- Suspended Ceilings
- Window, Door, Floor, & Ceiling Trim*
- Cabinet Installation
- Cabinet Fabrication

Prerequisites:

- OSHA 10 Hour
- Carpentry Fundamentals and/or 4-6 years of construction experience

*Fulfills apprenticeship standard requirements.

Course Length: 18 weeks (each)

Course Hours: 144 (each)

Eligibility:

- Field worker (non-leadership)
- English speaking, reading, and writing abilities
- Superintendent and division manager recommendation
- Successfully completed 90 day probation
- Received high school diploma or GED

Notes:

- Employees may test out of any level with verifiable experience
- Experience must be validated by references
- Certifications or apprenticeship from another source may be accepted upon approval



Accredited Training Sponsor

www.nccer.org

CARPENTRY FORMS (3)

This carpentry course provides instruction in these modules:

- Rigging Equipment
- Rigging Practices
- Properties of Concrete
- Reinforcing Concrete*
- Handling & Placing Concrete*
- Trenching & Excavating
- Foundations & Slab-on-Grade
- Vertical Formwork*
- Horizontal Formwork*
- Tilt-Up Wall Panels

Prerequisites:

- OSHA 10 Hour
- Carpentry Fundamentals and Finishing & Framing, and/or 6-10 years of construction experience

CARPENTRY ADVANCED (4)

This carpentry course provides instruction in these modules:

- Site Layout One: Distance Measurement & Leveling
- Site Layout Two: Angular Measurement*
- Advanced Roof Systems*
- Advanced Wall Systems*
- Advanced Stair Systems*
- Intro to Light Equipment
- Welding*
- Commercial Finish Work
- Site Preparation
- Intro Skills for the Crew Leader

Prerequisites:

- OSHA 10 Hour
- Carpentry Fundamentals—Forms, and/or 10+ years of construction experience

**Fulfills apprenticeship standard requirements.*

COMPUTER APPLICATIONS COURSES



How do you use this thing?

Whether you have no clue about computers or you want to advance your current computer skill level, we can help! Take a look at the courses that we offer. If you do not see a course listed that you are interested in, just contact us.

Recommended Training Sites

GeoLearning on The Source at: thesource.crosslandconstruction.com



2431 East 51st Street
Expressway Tower STE 400
Tulsa, OK 74105

Phone: (918) 346-6226

www.newhorizons.com



1304 E. Kingsley
Springfield, MO 65804

Phone: (417) 879-0070

Fax: (417) 879-0069

www.nhsgf.com

COMPUTER 101

Introduction to computers. Covers the basics of programs such as:

- Word
- Excel
- Outlook
- Working with files
- Introduction to the internet

Prerequisites:

- None

Eligibility:

- Employees assigned to a company computer.

EMAIL 101

This in-house course covers the basics of Microsoft Outlook e-mail:

- Contacts
- Calendar
- Send/Receive
- Groups
- Attachments

This course may also be offered as Microsoft Outlook at New Horizons or TXK. See their websites for course availability.

Prerequisites:

- None

Eligibility:

- Employees assigned to a company computer.

EXCEL LEVEL 1

2003 & 2007*

This course is offered in-house or at one of the New Horizons Learning Centers. This outline may vary by training location and software version.

Lesson 1: Creating a Basic Worksheet

- Explore the User Interface and the Ribbon
- Navigate and Select in Excel
- Obtain Help
- Enter Data and Save a Workbook
- Customize the Quick Access Toolbar

Lesson 2: Performing Calculations

- Create Basic Formulas
- Calculate with Functions
- Copy Formulas and Functions

Lesson 3: Modifying a Worksheet

- Manipulate Data
- Insert and Delete Cells, Columns, and Rows
- Search for Data in a Worksheet
- Spell Check a Worksheet

Lesson 4: Formatting a Worksheet

- Modify Fonts
- Add Borders and Color to Cells
- Change Column Width and Row Height
- Apply Number Formats
- Position Cell Contents
- Apply Cell Styles

Lesson 5: Printing Workbook Contents

- Print Workbook Contents Using Default Print Options
- Set Print Options
- Set Page Breaks

Lesson 6: Managing Large Workbooks

- Format Worksheet Tabs
- Manage Worksheets in a Workbook
- Manage the View of Large Worksheets

Prerequisites:

- None

Eligibility:

- Employees assigned to a company computer.

EXCEL LEVEL 2

2003 & 2007*

This course is offered in-house or at one of the New Horizons Learning Centers. This outline may vary by training location and software version.

Lesson 1: Calculating Data with Advanced Formulas

- Manage Cell and Range Names
- Calculate Data Across Worksheets
- Use Specialized Functions
- Analyze Data with Logical and Lookup Functions

Lesson 2: Organizing Worksheet and Table Data

- Create and Modify Tables
- Format Tables
- Sort or Filter Worksheet or Table Data
- Calculate Data in a Table or Worksheet

Lesson 3: Presenting Data Using Charts

- Create a Chart
- Modify Charts
- Format Charts

Lesson 4: Analyzing Data Using PivotTables and PivotCharts

- Create a PivotTable Report
- Analyze Data Using PivotCharts

Lesson 5: Inserting Graphic Objects

- Insert and Modify Pictures and ClipArt
- Draw and Modify Shapes
- Illustrate Workflow Using SmartArt Graphics
- Layer and Group Graphic Objects

Lesson 6: Customizing and Enhancing Workbooks and the Excel Environment

- Customize the Excel Environment
- Customize Workbooks
- Manage Themes
- Create and Use Templates

Prerequisites:

- Excel Level 1 or equivalent skill/knowledge

Eligibility:

- Employees assigned to a company computer.

COMPUTER APPLICATIONS COURSES

EXCEL LEVEL 3 2003 & 2007*

This course is offered in-house or at one of the New Horizons Learning Centers. This outline may vary by training location and software version.

Lesson 1: Streamlining Workflow

- Create a Macro
- Edit a Macro
- Apply Conditional Formatting
- Add Data Validation Criteria
- Update a Workbook's Properties
- Modify Excel's Default Settings

Lesson 2: Collaborating with Others

- Protect Files
- Share a Workbook
- Set Revision Tracking
- Review Tracked Revisions
- Merge Workbooks
- Administer Digital Signatures
- Restrict Document Access

Lesson 3: Auditing Worksheets

- Trace Cells
- Troubleshoot Errors in Formulas
- Troubleshoot Invalid Data and Formulas
- Watch and Evaluate Formulas
- Create a Data List Outline

Lesson 4: Analyzing Data

- Create a Trendline
- Create Scenarios
- Perform What-If Analysis
- Perform Statistical Analysis with the Analysis
- ToolPak

Lesson 5: Working with Multiple Workbooks

- Create a Workspace
- Consolidate Data
- Link Cells in Different Workbooks
- Edit Links

Lesson 6: Importing and Exporting Data

- Export Excel Data

- Import a Delimited Text File

Lesson 7: Using Excel with the Web

- Publish a Worksheet to the Web
- Import Data from the Web
- Create a Web Query

Lesson 8: Structuring XML Workbooks

- Develop XML Maps
- Import and Export XML Data

Prerequisites:

- Excel Level 1 & 2 or equivalent skill/knowledge

Eligibility:

- Employees assigned to a company computer.

SURETRAK 101

Learn how to:

- Create a schedule in SureTrak
- Create a schedule from scratch
- Create milestones
- Organize by responsibility
- Update your schedule
- Learn the Critical Path

Prerequisites:

- None

Eligibility:

- Project Managers and Superintendents assigned a company computer.

COMPUTER APPLICATIONS COURSES

Don't see the course you need?

Additional Courses Available Upon Request:



Access 2003/2007
Crystal Reports
Microsoft Word 2003/2007



PowerPoint 2003/2007



And more!



Contact the education department for course availability at education@crosslandconstruction.com

PROLOG 101

This course covers the basics of the entire Prolog Project Management software program.

Day 1: Overview of Prolog Manager

- How the Database works – Database Concepts
- How to Navigate the screens – Learn one screen, learn 'em all
- Setting up a New Project – Portfolio Manager
- Company Setup
- Prime Contract and Subcontracts
- Setting up Preferences and Lookups
- Queries and Report Manager – Filtering Reports
- Tips and Tricks in Prolog – Shortcuts and Basics

Day 2: Document Control

- RFIs
- Submittals
- Meeting Minutes
- Transmittals
- Drawings and Drawing Packages

- Hotlist
- Conversation Log
- Issues
- Closeout

Day 3: Cost Control

- Budgeting
- The Change Order Process
- PCOs
- Notification of Change Letters
- PCO Details
- RFP Process
- Change Order Request
- Prime Contract Change Order
- Subcontract Change Orders
- Running Change Order and Budget Reports

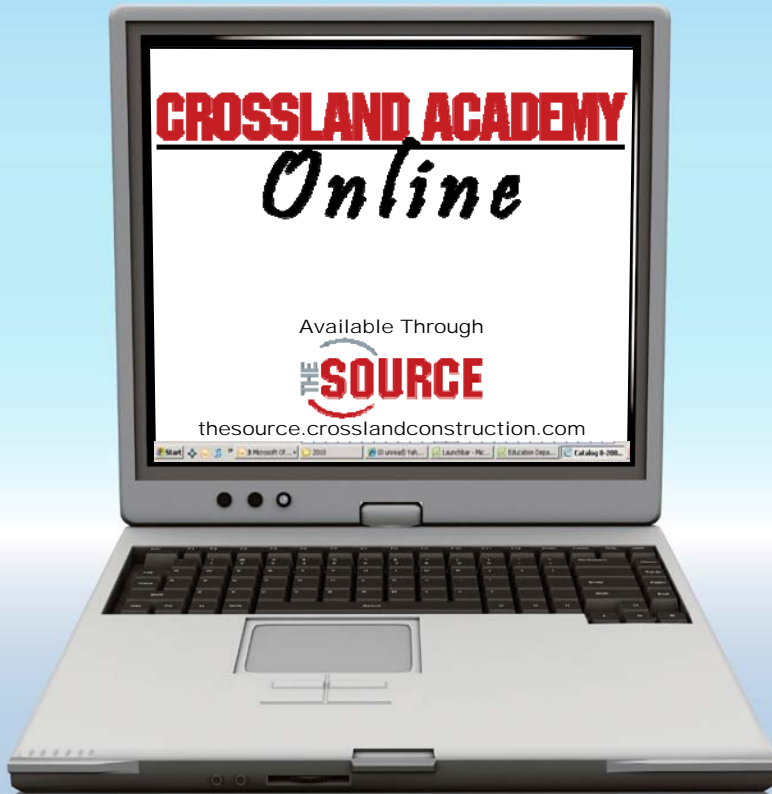
Prerequisites:

- None

Eligibility:

- Project Managers and Administrative Assistants assigned a company computer.

Always Open



Project Manager Courses

- 30-60-90
- Basic SureTrak*
- Billing/Cash Flow*
- Cost/Variance*
- Defensive Driving
- Legal Best Practices
- Maintaining a Drug-Free Workplace
- Negotiating*
- Online Equipment Billing*
- PM's Role in Estimating*
- Pre-Job Planning
- Sub Contracting/ Prequalification*
- SWPPP (Four Lessons)

Superintendent Courses

- Are You Really Listening?
- Defensive Driving
- Effective Relationships with Customers
- Effectively Communicating in Teams
- Enhancing Listening Skills
- Leading an Effective Business Meeting
- Maintaining A Drug-Free Workplace
- Maximizing Employee Performance
- SWPPP (Four Lessons)

CONCRETE TRAINING & CERTIFICATIONS

About Concrete Training

Construction is a highly competitive industry. Even the slightest variance in price can mean the difference between winning or losing a bid.

Becoming an American Concrete Institute (ACI) certified Field Testing Technician—Grade 1 or ACI certified Flatwork Technician could save you hundreds, if not thousands, of dollars on your job! Having this certification means not having to hire out your concrete testing. It would be a great benefit for you and your job!

Check out the details below or visit www.concrete.org/certification/cer_prog.asp for the complete details about all of ACI's certifications.



ACI FIELD TESTING TECHNICIAN— GRADE 1

This exam from the American Concrete Institute provides certification for concrete technicians who have demonstrated the knowledge and ability to properly perform basic field tests on freshly mixed concrete.

Eligibility:

- Carpentry/Concrete Foremen, Project Managers, Field Engineers, or Superintendents

Notes:

A training session and a video presentation are offered for participants before taking the Grade 1 exam and performance evaluation.

ACI FLATWORK TECHNICIAN

This exam from the American Concrete Institute provides certification for concrete finishers that is recognized world wide. This certification requires a knowledge of basic concrete technology, concrete materials, mix proportioning, concrete control tests, proper use of placing and finishing tools, and curing and protection.

Prerequisites:

- One year (1,500 hours) work experience in finishing concrete
- Successful completion of a performance evaluation or affidavits verifying abilities
- Successful completion of a written exam

Eligibility:

- Carpentry/Concrete Foremen, Project Managers, Field Engineers, or Superintendents

Notes:

A training session and a video presentation are offered for participants before taking the Flatwork Technician exam and performance evaluation.



CRANE OPERATOR CERTIFICATION



About the Program

Crossland's Crane program is registered under the National Center for Construction Education and Research and recognized by the North American Crane Bureau. Our training program is currently one of only a handful of union-free crane training programs in the United States. The program was started in 2008 to fulfill the need for certified crane operators.

The exams meet or exceed ASME B30.5 consensus safety standards and OSHA 1910 standards for crane operators.

The Industrial/All-Purpose, Rough Terrain/All Terrain and Rubber Tire Truck Mount programs are accredited by the American National Standards Institute (ANSI).

Crane Type and Testing Requirements

Crawler Mount Crane (Lattice Boom Friction *OR* Hydraulic Machinery)

- Written exam: Lattice Boom
- Practical exam: Crawler

Crawler Mount Crane (Telescopic Boom)

- Written exam: Telescopic Boom
- Practical exam: Crawler

Industrial/All Purpose Crane

- Written exam: Industrial All Purpose *OR* Telescopic Boom
- Practical exam: Industrial All Purpose

Rough Terrain/All Terrain Crane (Single Control Station, Fixed *OR* Rotating Controls)

- Written exam: Telescopic Boom
- Practical exam: Rough Terrain/All Terrain

Rubber Tire Truck Mount Crane (Boom Truck—Telescopic *OR* Articulating Boom, Fixed *OR* Rotating Controls)

- Written exam: Boom Truck *OR* Telescopic Boom
- Practical exam: Rubber Tire Truck Mount

Rubber Tire Truck Mount Crane (Telescopic Boom, All Terrain)

- Written exam: Telescopic Boom
- Practical exam: Rubber Tire Truck Mount

Rubber Tire Truck Mount Crane (Lattice Boom, Friction *OR* Hydraulic Machinery)

- Written exam: Lattice Boom
- Practical exam: Rubber Tire Truck Mount

CRANE OPERATOR CERTIFICATION

Prerequisites:

- OSHA 10 Hour
- Pass physical and drug screen
- Pass Written and Practical Exam

Eligibility:

- Superintendent and Division Manager Recommendation



Written Exam Information

Boom Truck Crane Written Exam

This exam is a three hour closed book exam consisting of 60 questions in the general testing categories.

Cut Score: 77%

Industrial All Purpose Crane Written Exam

This exam is a three hour closed book exam consisting of 60 questions in the general testing categories.

Cut Score: 78%

Lattice Boom Crane Written Exam

This exam is a three hour closed book exam consisting of 60 questions in the general testing categories.

Cut Score: 79%

Telescopic Boom Crane Written Exam

This exam is a three hour closed book exam consisting of 60 questions in the general testing categories.

Cut Score: 78%

General Testing Categories

- Federal & State Regulations
- Principles of Craning Operations
- General Crane Related Terminology
- Structural Limitations of the Crane, Auxiliary Equipment & Attachments
- Wire Rope
- Rigging & Rigging Hardware
- Load Information
- Ground Stability
- Electrical Hazards
- Blocking, Cribbing, & Mats
- Communications & Signaling
- Common Hand Signals
- Hydraulic Hand Signals
- Pre-operational Inspection & Maintenance
- Proper Crane Set-up
- Adverse Weather Conditions
- Load Movement
- Operator Assist Devices, Electronic & Manual
- Advanced Operations
- General Capacity Chart Knowledge
- Capacity Chart Components (Math & Look up)
- Determining Capacity Using Capacity Charts (Math & Look up)

GREEN TRAINING



About Green Training

As energy demands, technological advancements, and populations increase so do environmental concerns. To assist employees in obtaining knowledge about these environmental concerns as well as provide instruction in “green” building practices, these courses have now been made available.

All four training courses result in certification upon passing the course exam.

STORM WATER (WAL-MART)

This SWPPP course provides employees with:

- Regulations and SWPPP Basics
- General Contractor Responsibilities
- Inspection Reports
- SWPPP Binder and Site Maps
- Erosion and Sediment Control
- BMP Overview
- Site Inspection

Certification awarded upon successful completion of exam at the end of the class day.

Prerequisites:

- Minimum 5 years of construction-related experience

Eligibility:

- Superintendent, Field Engineer, or Project Manager



YOUR ROLE IN THE GREEN ENVIRONMENT

- Course completion exam is given in the class by EcoPotential
- Participants earn NCCER credit for the class
- After class completion, participants can take a “closed-book” Green Advantage exam to become Green Advantage Certified

Objectives

- Describe the major challenges to the green environment that are caused directly or indirectly by the built environment.
- Identify decisions and actions in your personal and work life that impact the green environment.
- Prioritize your actions in terms of which ones matter most for the green environment.
- Describe the life cycle phases of a building and the impacts on the green environment over its life cycle.
- Identify green alternatives to conventional building practices and describe the pros and cons of those alternatives.
- Identify specific practices you can implement at work to improve your impacts on the green environment.
- Describe the Leadership in Energy and Environmental Design (LEED®) rating process.
- Identify construction activities that contribute to a project’s LEED® rating.
- Identify common construction pitfalls that may affect a project’s LEED® rating.

Eligibility:

- Field Engineers, Superintendents, LEED APs, select Field Employees

Visit the web for more information on the course: <http://www.nccer.org/green.aspx>



LEED® certifications are obtained by testing through Green Building Certification Institute.

The LEED® (Leadership in Energy and Environmental Design) Green Building Rating System is the nationally accepted benchmark for the design, construction, and operation of high performance green buildings.



LEED® ACCREDITED PROFESSIONALS FOR BUILDING DESIGN + CONSTRUCTION

- Preparatory course is provided through EcoPotential prior to the exam
- Exam is scheduled through Green Building Certification Institute www.gbci.org
- Must have passed the Green Associate exam and have previous experience with a LEED project

“Replacing the LEED AP for New Construction exam track, this specialty provides a standard for professionals participating in the design and construction phases of high-performance, healthful, durable, affordable, and environmentally sound commercial, institutional, and high-rise residential buildings.”

Visit the web for more information about LEED AP:

<http://www.gbci.org/DisplayPage.aspx?CMSPageID=85>

Prerequisite:

- LEED Green Associate

LEED® GREEN ASSOCIATE

- Preparatory course is provided through EcoPotential prior to the exam
- Exam is scheduled through Green Building Certification Institute www.gbci.org
- Participants earn the GBCI LEED Green Associate designation
- This exam must be taken before a candidate can take the LEED AP+ exam

“For professionals who want to demonstrate green building expertise in non-technical fields of practice, GBCI has created the LEED Green Associate credential, which denotes basic knowledge of green design, construction, and operations. The Green Associate credential also serves as the first step for professionals pursuing a LEED AP specialization.”

Visit the web for more information about LEED Green Associate:

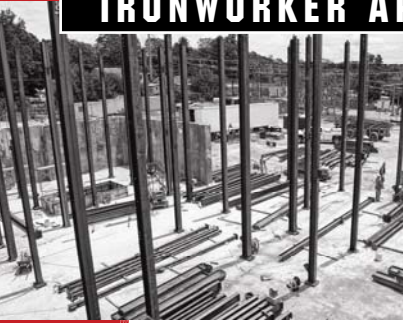
<http://www.gbci.org/DisplayPage.aspx?CMSPageID=83&>

Prerequisites:

Before a candidate can take the LEED Green Associate exam they must be a Project Manager or approved by a Division Manager **and** must meet **one** of the following :

- Attended an education program that addresses green building principles
- Worked in support of a LEED-registered project
- Worked in a sustainable field of work

IRONWORKER APPRENTICESHIP



About the Program

Crossland's Ironworking program became a registered apprenticeship program through the Kansas Department of Labor in 2007.

This program consists of agreeing to participate in coursework and on-the-job work experience (2,000 hours a year). Upon completion of the program the graduate will receive a Kansas journeyman carpentry card. This card is recognized by the United States Department of Labor. Graduates will also have all their carpentry modules registered with NCCER's National Registry.



www.kansasapprenticeship.org

Curriculum:

National Center for Construction Education and Research Contren Learning Series

This series has been developed by the construction industry to provide instruction in all areas of ironworking needed to be a competent commercial ironworker.

IRONWORKING LEVEL 1A

This ironworking course provides the first half of instruction in these modules from the Ironworking 1 curriculum:

- Intro to the Trade
- Trade Safety
- Means & Methods of Access
- Tools & Equipment of the Trade
- Construction Cranes One
- Rigging for Ironworking One
- Rigging Equipment & Hardware

Participants must pass NCCER Core Curriculum tests before completion of the first half of the course.

Prerequisites:

- OSHA 10 Hour
- 0-4 years of construction experience

IRONWORKING LEVEL 1B

This ironworking course provides the second half of instruction in these modules from the Ironworking 1 curriculum:

- Trade Blueprints & Processes
- Materials Handling & Storage
- Structural Ironworking One
- Plumbing, Aligning, Guying
- Fastening
- Oxyfuel Cutting
- Intro to Arc Welding
- Steel Joists & Joist Girders One
- Metal Decking
- Field Fabrication One

Prerequisites:

- OSHA 10 Hour
- Ironworking Level 1 and/or 4-6 years of construction experience

Course Length: On Demand

Course Hours: 144 (each)

Eligibility:

- Field worker (non-leadership)
- English speaking, reading, and writing abilities
- Superintendent and division manager recommendation
- Successfully completed 90 day probation
- Received high school diploma or GED



Accredited Training Sponsor

Notes:

- Employees may test out of any level with verifiable experience
- Experience must be validated by references
- Certifications or apprenticeship from another source may be accepted upon approval

IRONWORKING LEVEL 2

This ironworking course provides instruction in these modules:

- Position Arc Welding
- Intro to Reinforcing Steel & Steel Fabrication
- Miscellaneous Ironworking
- Trade Math
- Blueprint Reading Two
- Rigging Two
- Structural Ironworking Two
- Steel Joists & Joist Girders Two
- Construction Cranes Two
- Levels, Transits, & Electronic Survey Devices

Prerequisites:

- OSHA 10 Hour
- Ironworking Level 1A&B, and/or 6-10 years of construction experience

IRONWORKING LEVEL 3

This ironworking course provides instruction in these modules:

- Weld Testing
- Pre-Engineered Systems
- Ornamental Ironworking
- Stud Welding
- Post-Tensioning
- Placing & Tying Reinforcing Steel
- Construction Cranes Three
- Special Rigging
- Field Fabrication Two
- Demolition
- Precast/Tilt-Up Erection
- Structural Ironworking Three

Prerequisites:

- OSHA 10 Hour
- Ironworking Level 1A&B and Ironworking Level 2, and/or 10+ years of construction experience

IRONWORKER GENERAL COURSES

CROSBY RIGGING

This rigging course is a computer application that provides employees with training on 16 topic areas including:

- Rigging hardware
- Capacities
- Inspection of hardware
- Inspection of wire rope, chains, and synthetic slings

Prerequisites:

- Field Personnel

Eligibility:

- Steel Crew Leader, Superintendent, or Steel Division Manager Recommendation

METAL BUILDING INSTITUTE— CREW TRAINING

The Metal Building Institute's training series offers overview training in:

- Tools of the trade
- Framing
- Windows and doors
- Wall sheeting installation
- Exposed fastener lap seam roofs
- Standing seam roofs
- Flashing, trim, and gutter
- Internal gutters and transitions

Participating employees view all 11 MBI DVDs and take all 11 MBI exams online. This training is led and directed by steel crew leaders and superintendents.

Prerequisites:

- Successful completion of 90 day probationary period

Eligibility:

- Steel Crew Leader, Superintendent, or Steel Division Manager Recommendation

METAL BUILDING INSTITUTE— TRAIN THE TRAINER

This program provides training in how to become a more efficient trainer and leader. This course is designed to give crew leaders or superintendents insight into training techniques, materials, and information needed to train their crews with the MBI Metal Building Professional Craftsman series. The crew leaders and superintendents also view the Metal Building Institute's Craftsman Series and test to become MBI certified.

This training enables the steel crew leaders to have the materials and information needed to train their crews with the MBI Metal Building Professional Craftsman series. The MBI testing is done online.

Eligibility:

- Steel Crew Leader, Superintendent, or Steel Division Manager Recommendation

WELDING CERTIFICATION

This is a certification test to be conducted by an outside agency to certify a qualified welding candidate.

A qualified welding candidate will be determined by the steel crew superintendent and steel division manager.

Prerequisites:

- Welding experience or training

Eligibility:

- Steel Crew Leader, Superintendent, or Steel Division Manager Recommendation

Want to learn about vendors in this section? Visit their websites:

MBI: www.metal-building-institute.org
Crosby: www.thecrosbygroup.com

CROSSLAND

MOBILE TRAINING UNIT

Exterior



Interior

Benefits

- On-demand training
- On-site Training
- Flexibility in Schedule
- Training Opportunities on Rain Days

Features:

- Seven Work Stations
- Laptop Computers
- Air Conditioning and Heating
- Hi-definition TV
- Multimedia Learning



Leading—The Crossland Way (LCW)

Purpose: To contribute to your professional development

Eligibility: Field Supervisors who are responsible for both jobsite tasks and people on a construction project

Objectives:

- Understand the impact a leader has on the work environment.
- Review your role in building trust on the jobsite.
- Discuss the relationship between worker morale and productivity.
- Learn how to provide better employee orientation and training—on the job.
- Understand how to address performance problems.
- Build a personal action plan to improve your leadership capabilities.

Benefits:

- Improve performance—operational and safety
- Improve morale
 - ⊕ Improved Morale = Improved Productivity
- Retain good people
- Increase job satisfaction and security
- Efficient and well respected operations
- Build customers for life

leadership

noun

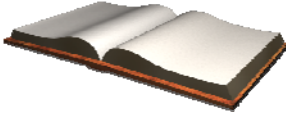
1. The capacity to lead others.

2. An act or instance of guiding

Synonyms: command, lead, direction,
guidance, lead, management

Lean: The absence of waste

Waste: Anything that consumes resources and adds no value, as defined or determined by the customer, and for which the customer should not have to pay



Objectives of Lean Construction

- The facility and its delivery process are designed together to better reveal and support customer purposes. Positive [repetition] within the process is supported and negative [repetition] reduced.
- Work is structured throughout the process to maximize value and to reduce waste at the project delivery level.
- Efforts to manage and improve performance are aimed at improving total project performance because it is more important than reducing the cost or increasing the speed of any (individual) activity.
- “Control” is redefined from “monitoring results” to “making things happen”. The performance of the planning and control systems are measured and improved.
- The reliable release of work between specialists in design, supply, and assembly assures value is delivered to the customer and waste is reduced.

Source: Lean Construction Institute

What is Lean Construction?

“Lean Construction is a production management-based approach to project delivery—a new way to design and build capital facilities. Lean production management has caused a revolution in manufacturing design, supply, and assembly. Applied to construction, Lean changes the way work is done throughout the delivery process.

“Lean Construction extends from the objectives of a lean production system—maximize value and minimize waste—to specific techniques and applies them in a new project delivery process.”

Source: Lean Construction Institute

Training Opportunities—*on demand*

All day training sessions once a month for seven months with accountability to improve jobsite efficiency and performance.

SAFETY TRAINING



About Safety Training

Safety is of highest priority here at Crossland. There are many training venues available to you. From fall protection to excavation and everything in between, the safety department can help you get proper training.

Here are our most requested courses. The information presented in all courses are pertinent to our company. Courses are typically trained by our safety department staff.

AERIAL LIFT SAFETY

This course provides employees with training on:

- Safe work practices
- Fall protection
- Hazards
- Inspecting the lift

Designed for beginning snorkel and scissor lift operators.

Eligibility:

- Superintendent recommendation
- Assigned to operate equipment

CONFINED SPACE

This course provides employees with best practices for a confined space entry.

Content will vary slightly due to being outsourced training.

Eligibility:

- Superintendent recommendation

EXCAVATION SAFETY

This course provides employees training on:

- Different Soil Types
- Trench Box Safety
- Shoring and Sloping Systems

Eligibility:

- Superintendent recommendation

FORKLIFT

This beginner's forklift course provides employees with training on:

- Operations
- Functions
- Inspecting

Eligibility:

- Superintendent recommendation
- Assigned to equipment operation

LOAD SECUREMENT

This course provides employees with best practices for load securement. Designed for all employees who pull a trailer with a truck or tractor.

Eligibility:

- Superintendent recommendation

Additional Courses May Be Available
Be sure to contact the safety department for specific safety training you may need.



OSHA 10 HOUR

This ten hour course provides employees with best practices for some of the most common and hazardous situations on the job site.

NEEDS TO BE COMPLETED WITHIN 90 DAYS OF HIRE.

- Introduction to Safety Orientation
- Hazard Recognition, Evaluation, and Control
- Construction Health
- Personal Protective Equipment
- Signs, Signals, and Barricades
- Housekeeping
- Electrical Hazards
- Fire Protection and Prevention
- Hand and Power Tool Safety
- Elevated Work and Fall Protection
- Work Permit Systems
- Trenching Safety
- Materials Handling and Storage
- Emergency Response
- Specialty Work

Eligibility:

- All field personnel; subcontractors

SAFETY TECHNOLOGY

This course provides instruction on implementing and administering a company safety program.

- Introduction to Safety Technology
- Hazard Recognition, Evaluation, And Control
- Risk Analysis and Assessment
- Inspections, Audits, and Observations
- Employee Motivation
- Site-Specific ES&H Plans; ES&H Data Tracking and Trending
- Emergency Action Plans
- JSAs and TSAs
- Safety Orientation and Training
- Work Permit Policies
- Confined-Space Entry Procedures
- Safety Meetings
- Accident Investigation: Data Analysis, Policies and Procedures
- Recordkeeping
- OSHA Inspection Procedures
- Environmental Awareness

Eligibility:

- Superintendent recommendation
- Foremen, Superintendents, Project Managers, Field Engineers



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