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ABOUT US

North American Crane Bureau, Inc. (NACB) is a world leader in crane safety. For over 30 years, NACB has successfully directed the industry with high-level technical training and related services for crane & lifting equipment. This drive to increase safety awareness has led NACB to offer a host of training seminars, some of which include: Operator, Inspector, Train-the-Trainer & Rigger/ Signal Person training. Another significant part of the NACB Group of Companies is its NACB INTERACTIVE EDUCATIONAL SYSTEMS, INC. (NACB-ies) subsidiary. NACB-ies produces Crane Training Simulators with both full size frame and small personal desktop systems. These products are now having a huge impact in the development and advancement of highly-skilled crane operators.

We conduct in excess of 400 safety training programs annually across the globe, with training facilities located strategically in Florida and Texas. In addition to offering a wide variety of training programs, subsidiary NorAm® Productions Inc. has developed and published award winning safety videos for the lift industry.

OUR COMMITMENT

NACB, Inc.’s responsibility is to provide the most comprehensive service available, while maintaining current, state-of-the-art information on safety as it applies to our industry. We are committed to providing the industry with a standard of excellence unparalleled in the field of safety.

NACB, Inc.’s office staff, field technicians, safety programs, and material reflect our ongoing commitment.

SUBSIDIARIES

North American Crane Bureau, Inc. | NACB Interactive Educational Systems, Inc. | NorAm Productions, Inc.
TRAINING WITH NACB, INC.

- Our Maritime personnel are recognized as marine surveyors under our Federal Accreditation with the U.S. Department of Labor/OSHA under 29 CFR part 1919 to inspect and certify equipment in Maritime categories
- We're qualified as Cal/OSHA certified inspectors for mobile cranes, overhead cranes, and tower cranes. (We also inspect under-hung cranes, hoists, rigging, lift trucks, aerial work platforms and more)
- Over 500 years of collective experience in training & inspection with all types of material handling.
- High Level Versatility in Crane Training: Regularly Scheduled Classroom Training, Customized On-Site Training, Simulator Based Training, Hands-On Training, and Multiple Combined
- Unparalleled Industry Reputation
- Unparalleled Customer Satisfaction
- International Presence
- Multiple Classroom Training Facilities across the United States
- We serve as SME’s (Subject Matter Experts) on Multiple Industry Councils & Committees
- Complete In-House Production for all Training Media including Award Winning Videos, Surveys, Proficiency Exams, Inspection Forms, & Complete Program Development
- We Offer a Wide Variety of Industry Services; i.e. Operator Training, Inspector Training, Rigger Training, Train-the-Trainer Programs, and Certifications; with a Wide Diversity in the Industry
- We are a CRANE ENDORSED Accredited Assessment Center for the National Center for Construction Education Research (NCCER) and also a NCCER Accredited Training Sponsor.

MEMBERSHIPS/PARTNERSHIPS/AFFILIATIONS*

Our Management is seated on Numerous Industry Councils, and has Memberships and Affiliations with

[Images of logos for various organizations]

* CORPORATE AND/OR INDIVIDUAL MEMBERSHIPS

PARTIAL LISTING OF SATISFIED CUSTOMERS:

- ALCOA
- Atlantic Steel
- AT&T
- BAE Systems
- Boeing
- Boise Cascade
- City of Los Angeles
- ConocoPhillips
- Dallas Area Rapid Transit
- Department of Energy
- Dow Chemical
- DM Petroleum
- E.I. Du Pont de Nemours
- Exxon Mobil
- Fluor
- Ford Motor Company
- General Electric
- General Motors
- Georgia Pacific
- Haynes International
- IBM
- International Paper
- IUOE
- Johnson Controls
- Kaiser Aluminum
- Kansas City Power & Light
- Kodak
- Lawrence Livermore Nat’l Labs
- Lawrence Berkeley Nat’l Labs
- Lockheed Martin & Space
- Los Alamos National Labs
- Michelin
- Pacificorp
- Perini
- P.J. Dick
- Portland General Electric
- Progressive Energy
- Rockwell International
- Shell Oil
- Teledyne Wah Chang
- Tesla Motors
- Texaco
- United Technologies
- U.S. Dept. of Defense
- U.S. Navy

1.800.654.5640 | NACB, INC. 3
MOBILE CRANE COURSES
MOBILE CRANE OPERATOR FASTRACK

COURSE NUMBER: MCFT 100 | 12 CEUS | 4 WEEKS $6995.00

Do you need Mobile Crane Operators? You can be on the FASTRACK to becoming a professional crane operator with this concentrated study. Four weeks of intensive study Monday through Friday includes classroom, simulation, and hands-on training on actual cranes. This course is designed to help fill the need for properly trained and qualified mobile crane operators.

This course is for you whether you are a visual, auditory, or tactile learner regardless of your experience level. This course provides you with the information you need to set for any written certification or state licensing requirement. At the end of the course, Nationally Accredited NCCER testing will be available on certain crane* types.

This training is offered at the NACB Training in both Houston, TX and Orlando, FL.

DURING THIS STUDY THE STUDENT WILL LEARN:

- Orientation to the Trade
- Basic Principles of Cranes
- Rigging Practices
- Crane Safety
- Operating a Crane
- Communication
- Load Charts
- Advanced Operational Techniques
- Lift Planning
- Lattice Boom Assembly and Disassembly
- Machine Power Flow
- Preventive Maintenance
- Wire Rope
- Computer Aids / Operator Aids
- Load Dynamics
- On-Site Equipment Movement
- Telescopic Boom Extension and Jib Erection and Storage
- An Understanding of Reactions Required for Emergency Procedures
- Hoisting Personnel
- Transporting Requirements

PROGRAM OUTLINE

The pace of this program is fast. Each evening participants will be assigned additional materials to review. Each section will have review questions. Each assignment is reviewed the following morning. Generally after the instructors coverage of the section, the participants are assigned written examinations. Practical Evaluations for each section (not all sections have practical evaluations) must be accomplished by each participant individually.

WEEK ONE 60% Classroom, 20% Lab** and 20% hands-on***.
WEEK TWO 50% Classroom, 20% Lab** and 30% hands-on***.
WEEK THREE 50% Classroom, 10% Lab** and 40% hands-on***.
WEEK FOUR 20% Classroom, 5% Lab** and 75% hands-on***.

These are suggested percentages, and may be adjusted based on weather, class size, equipment availability, etc.

HANDS-ON TRAINING

This class also offers hands-on Mobile Crane Telescopic Boom & Mobile Crane Lattice Boom Simulators training as an integral part of the program. Simulation Time only available in the Orlando, FL and Houston, TX Training Facilities.

NOTE: Students must provide their own personal protective equipment (PPE) such as gloves, hard hats, safety glasses, appropriate footwear, etc.

*Mobile Cranes may vary from location to location. **Several Labs are included in the classroom portions of subjects requiring them. *** Field trips, when available are included in the hands-on time.
MOBILE CRANE OPERATOR

COURSE NUMBER: MCO 102 | 3.0 CEUs | 5 DAYS $1995.00 ♦

This 5-day program covers the role and the responsibilities of the mobile crane operator. This seminar will get down to the basics of safe craning, covering various important topics such as proper machine set up, reading and understanding capacity charts, stability vs. structural competency, below the hook crane attachments, the importance of knowing the quadrant of operation, side loading, shock loading - all play a critical part in executing a safe lift. This program includes more detailed information required to successfully complete the written testing requirements for certification as a mobile crane operator.

YOU WILL LEARN ABOUT:
- Operator Requirements According to Federal Regulations and Consensus Standards
- Site Access and Usability
- Suitability and Quality of Supporting Surface
- Proper Use of Mats, Outriggers or Crawlers
- Hand Signals
- Pre-Operational Inspection
- Types of Cranes
- Verifying the Weight of the Load
- Basic Load Rigging Procedures
- Understanding Two-Blocking, Power Lines
- Accidents and Causes
- Proper Communication Between Work Crew
- Load Control and Use of Tag Lines
- Transporting the Crane and its Components
- Operating in Various Weather Conditions
- Operator Aids
- Shutdown
- Information Documented on Operator’s Checklist

CEUs ARE ONLY APPLICABLE TO REGULARLY SCHEDULE PROGRAMS

HANDS-ON TRAINING
This class also offers hands-on Mobile Crane Telescopic Boom & Mobile Crane Lattice Boom Simulators training as an integral part of the program. Simulation time only available in the Orlando, FL and Houston, TX training facilities.

MOBILE CRANE OPERATOR ADVANCED (MCO IS PREREQUISITE)

COURSE NUMBER: AMCO 103 | 3.0 CEUs | 5 DAYS $1995.00 ♦

5-days of intensive training for seasoned telescopic mobile crane operators. A combination of classroom lecture, interactive workshops, telescopic crane simulation exercises, and plenty of field seat time on telescopic mobile cranes make this program one of the most sought after and demanding training programs that we offer. If you want your operators to thoroughly understand the capabilities and the limitations of telescopic mobile cranes, this is the program they need to attend.

YOU WILL LEARN ABOUT:
- Simulated Field Exercises, through Operation of Rough Terrain and/or Industrial Cranes in:
  - Travel,
  - Set-Up, and
  - Operation
- Operator Requirements According to Federal Regulations and Consensus Standards
- Operations in Various Weather Conditions
- Site Hazards and Restrictions
- Ground Bearing Pressures and Proper Use of Mats, Outriggers or Crawlers
- Lift Plans
- ASME Hand Signals
- Pre-Operational Inspection Performance
- Verifying the Weight of the Load
- Intense use of Load Chart in Solving Capacity Problems
- Two-Blocking
- Power Lines
- Public Protection
- Proper Two-Way Communication Between Operator and Signal Person
- Load Control and Use of Tag Lines
- Emergency Response Procedures
- Operator Aids

CEUs ARE ONLY APPLICABLE TO REGULARLY SCHEDULE PROGRAMS

HANDS-ON TRAINING
This class also offers hands-on Mobile Crane Telescopic Boom Simulator Training as an integral part of the program. Simulation time only available in the Orlando, FL and Houston, TX training facilities. Includes hand-on training on Telescopic Cranes as well.

NOTE: Students must provide their own personal protective equipment (PPE) such as gloves, hard hats, safety glasses, appropriate footwear, etc.
MOBILE CRANE INSPECTOR

COURSE NUMBER: MCI 105 | 3.0 CEUs | 4 DAYS $1995.00

The effort put forth in properly training inspectors is greatly rewarded. A well-trained, qualified inspector could save your company a great deal of money and time by avoiding unscheduled downtime, costly repairs, accidents and lawsuits. The inspection process is the vital link to the safety and maximum utilization of your cranes.

Our instructional staff provides over 100 years combined experience, offering our students the opportunity to receive documented, formal training on the inspection processes and techniques used by North American Crane Bureau, Inc. field inspection personnel.

We have inspected thousands of different pieces of lift equipment utilizing General Industry, Maritime, and Construction Safety Standards. Our inspection work sheets, developed over the years from the actual field experiences of our inspection staff, will be utilized throughout this program.

YOU WILL LEARN ABOUT:

- The Need for Inspection and Inspection Intervals
- How to Read & Apply OSHA & ASME Standards
- Inspector Qualifications
- Lockout/Tagout/Blockout
- Load Chart Interpretation & Load Testing
- Safe Operating Practices
- In-Depth Discussion of Tools Used in Inspections
- Inspection of Various Components of Carriers, Superstructures and Booms as Required by Federal Regulations, Consensus Standards and Manufacturer Requirements
- Factors Affecting Lifting Capabilities
- Types of Nondestructive Testing - Advantages and Disadvantages
- Information Presented on Inspection Form

CEUs ARE ONLY APPLICABLE TO REGULARLY SCHEDULE PROGRAMS

NOTE: Students must provide their own personal protective equipment (PPE) such as gloves, hard hats, safety glasses, appropriate footwear, etc.

ADD-ON OPTIONS

1- INSPECTOR KIT | $150.00
Multiple tools for inspection include: tape measure; wire rope card; caliper; magnifier; pocket knife and level. All in a soft canvas belly pack. (NKO8)

2- NACB, INC. CERTIFIED INSPECTOR CERTIFICATION | $495.00
Immediately following the completion of this program, a block of time has been reserved for administration of written testing for Certification. An Identification Card and Certificate of Competency is issued to those who successfully complete all the requirements set forth by NACB, Inc. Please contact us to determine what qualifications your personnel must possess.

3- PLUS PACKAGE | $595.00
Includes both options above, a Savings of $50!
NOTE: Plus package is only offered before or during the class.

♦ See page 36-40 for schedule dates & locations | See back panel for cancellation policy.
MOBILE CRANE OPERATOR TRAIN THE TRAINER

COURSE NUMBER: MCTT 106 | 3.0 CEUs | 5 DAYS $2295.00

NACB, Inc. has provided specialized safety training to over 100,000 crane and rigging professionals throughout the United States and overseas. Our leadership in the industry and persistent determination to offer only the best programs available has given us the ability to present safety programs of the highest quality.

This renowned quality is found in this, one of our most successful programs. This program is designed for in-house personnel, previously qualified as trainers, who need a thorough understanding of the subject(s) for presentation to groups of their supervisors, operators, and inspection and maintenance personnel. All attendees will be assigned the task of specific research, development, and the presentation of materials during this course.

TRAINERS WILL LEARN HOW TO PERFORM CLASSROOM INSTRUCTION FOR YOUR PERSONNEL IN THE FOLLOWING AREAS AND MORE:

- Crane Types & Configurations
- Applicable Terminology
- How to Read & Apply OSHA & ASME Standards
- Operator Qualifications & Responsibilities
- Stability Limitations
- Load Chart Interpretation
- Safe Operating Practices
- Factors Affecting Lifting Capabilities
- Recognizing Site Hazards
- Record Keeping Requirements
- Trainer Qualifications
- Training Course Development
- Preparation Goals
- Training Techniques
- Step-by-Step Process of Conducting Program Evaluation
- Training through Simulation

CEUs ARE ONLY APPLICABLE TO REGULARLY SCHEDULE PROGRAMS.

HANDS-ON TRAINING
This class also offers hands-on Mobile Crane Telescopic Boom Simulators training as an integral part of the program. Simulation time only available in the Orlando, FL and Houston, TX training facilities.

NOTE: Students must provide their own personal protective equipment (PPE) such as gloves, hard hats, safety glasses, appropriate footwear, etc.

ADD-ON OPTIONS

1- TRAINER PACKAGE | $1995.00
- Program Specific PowerPoint Presentations
- One DVD Combo Disc (“Communications, Operations, and Inspection”)
- Daily Suggested Lesson Plan (pdf)
- Hands-On Student Exercises (pdf)
- Sample Pre-Test & Sample Post-Test (pdf)
- Instructor Guide (pdf)
- Student Training Manual (pdf)
- 5 Printed Student Training Manuals

2- NACB, INC. CERTIFIED TRAINER CERTIFICATION | $495.00
Immediately following the completion of this program, a block of time has been reserved for administration of written testing for Certification. A Certificate of Competency is issued to those who successfully complete all the requirements set forth by NACB, Inc. Please contact us to determine what qualifications your personnel must possess.

3- PLUS PACKAGE | $1595.00
Includes both options above, a Savings of $800!
NOTE: Plus package is only offered before or during the class.
BOOM TRUCK TRAIN THE TRAINER

COURSE NUMBER: BTTT 100 | 1.8 CEUs | 3 DAYS $1695.00

One of the most widely used and versatile pieces of lift equipment is the boom truck. The Boom Truck Operator Train the Trainer program is designed to address the unique training requirements for those personnel operating these specialized mobiles cranes. All attendees will be assigned the task of specific research, development, and the presentation of materials during this course.

TRAI NERS WILL LEARN HOW TO PERFORM CLASSROOM INSTRUCTION FOR YOUR PERSONNEL IN THE FOLLOWING AREAS AND MORE:

- Boom Truck Terminology
- Crane Condition
- Operator's Check list
- Determining Crane Capacity
- How to Read & Apply OSHA & ASME Standards
- Operator Qualifications & Responsibilities
- Load Chart Interpretation
- Safe Operating Practices
- Transportation Guidelines
- Selecting the Right Sling
- Breaking Strength
- Factors Affecting Lifting Capabilities
- Recognizing Site Hazards
- Record Keeping Requirements
- Trainer Qualifications
- Training Course Development
- Preparation Goals
- Training Techniques
- Step-by-Step Process of Conducting Program
- Evaluation

CEUs ARE ONLY APPLICABLE TO REGULARLY SCHEDULE PROGRAMS.

NOTE: Students must provide their own personal protective equipment (PPE) such as gloves, hard hats, safety glasses, appropriate footwear, etc.

ADD-ON OPTIONS

1- TRAINER PACKAGE | $1,995.00
- Program Specific PowerPoint Presentations
- One DVD Combo Disc (Communications, Operations, and Boom Truck Operator Safety)
- Daily Suggested Lesson Plan (pdf)
- Hands-On Student Exercises (pdf)
- Sample Pre-Test & Sample Post-Test (pdf)
- Instructor Guide (pdf)
- Student Training Manual (pdf)
- 5 Printed Student Training Manuals

2- NACB, INC. CERTIFIED TRAINER CERTIFICATION | $495.00
Immediately following the completion of this program, a block of time has been reserved for administration of written testing for Certification. A Certificate of Competency is issued to those who successfully complete all the requirements set forth by NACB, Inc. Please contact us to determine what qualifications your personnel must possess.

3- PLUS PACKAGE | $1595.00
Includes both options above, a Savings of $800!
NOTE: Plus package is only offered before or during the class.
OVERHEAD CRANE COURSES
OVERHEAD CRANE OPERATOR

COURSE NUMBER: OCO 101 | 1.8 CEUs | 2 DAYS $1295.00 ♦

This 2-day program covers the role and the responsibilities of the overhead crane operator. This seminar will get down to the basics of safe craning, covering various important topics such as proper machine set up, below the hook crane attachments, and the importance of knowing the quadrant of operation, side loading and shock loading, all of which play a critical part in executing a safe lift.

YOU WILL LEARN ABOUT:
- Inspection Documentation/Record Keeping Requirements
- Frequent & Periodic Inspection Requirements
- Nomenclature & Selection of Equipment
- Operational limitations of Equipment
- Required Pre-Operational Inspection
- Wire Rope Maintenance
- Accident Causes and Preventions
- ASME B30.2 Hand Signals
- Proper Communication Between Work Crew
- Shutdown

HANDS-ON TRAINING
This class also offers hands-on Overhead Bridge Crane Simulator Training as an integral part of the program. Simulation time only available in the Orlando, FL and Houston, TX training facilities.

OVERHEAD HOIST MAINTENANCE

COURSE NUMBER: OHM 104 | 3.0 CEUs | 5 DAYS $2295.00 ♦

Preventive maintenance and proper repair techniques will greatly enhance the overall capabilities of overhead hoist systems. Training is the key ingredient in developing sound troubleshooting, repair, and maintenance procedures.

Our training facility, located in Houston, TX offers classroom and hands-on workbench training for personnel desiring to maintain overhead hoist systems. With an assortment of several different hoist manufacturers represented, we’ll adjust brake systems, troubleshoot electrical problems, discuss inspection criteria, and conduct pneumatic system repairs within this 5-day, 40-hour session, preparing personnel for every day responsibilities as a competent hoist maintenance technician.

YOU WILL LEARN ABOUT:
- Hoist Terminology and Applicable ANSI Standards
- Lockout/Tagout/Blockout
- Hoist Types and Maintenance/Repair Guidelines:
  - Chain Hoists,
  - Electric Hoists,
  - Pneumatic Hoists
- Brush Adjustments
- Load Chain Maintenance
- Pendant Control Maintenance
- Contactors
- Wire Rope Replacement
- Trolley Installation
- Fasteners
- NEC and CMAA Requirements
- Tools Used
- Inspection Form Requirements
- Overview of Federal Regulations
- Factors Affecting Lifting Capabilities

CEUs ARE ONLY APPLICABLE TO REGULARLY SCHEDULE PROGRAMS.

NOTE: Students must provide their own personal protective equipment (PPE) such as gloves, hard hats, safety glasses, appropriate footwear, etc.
OVERHEAD CRANE INSPECTOR

COURSE NUMBER: OCI 102 | 2.4 CEUs | 4 DAYS $1995.00 

A good preventive maintenance program begins with a solid understanding of the overhead crane or hoist, components, and its capabilities and its limitations. Incorporating manufacturer’s specifications, industry safety standards, and solid NDE practices into the inspection process will greatly assist the overall functionality of this critical piece of equipment. Unscheduled downtime can cost you dearly. This 4-day program will address the inspection process in great detail.

YOUR WILL LEARN ABOUT:

- Information Contained on Inspection Forms & Reports
- Overhead Crane Terminology & Applicable Standards
- Federal Regulations Pertaining to Overhead Cranes
- Operational Inspection Guidelines
- Lockout/Tagout/Blockout
- Basic Rigging
- Inspection of: Mechanical Components, Bumper Stops, Crane Sequences, Safety Devices, Warning Devices, Limit Switches, Brakes, Runways, Rails, Drums, Footwalks, Ladders, Hooks, Guarding, Motors, Insulators, Collectors

CEUs ARE ONLY APPLICABLE TO REGULARLY SCHEDULE PROGRAMS.

NOTE: Students must provide their own personal protective equipment (PPE) such as gloves, hard hats, safety glasses, appropriate footwear, etc.

ADD-ON OPTIONS

1- INSPECTOR KIT | $150.00
Multiple tools for inspection include: tape measure; wire rope card; caliper; magnifier; pocket knife and level. All in a soft canvas belly pack.

2- NACB, INC. CERTIFIED INSPECTOR CERTIFICATION | $495.00
Immediately following the completion of this program, a block of time has been reserved for administration of written testing for Certification. An Identification Card and Certificate of Competency is issued to those who successfully complete all the requirements set forth by NACB, Inc. Please contact us to determine what qualifications your personnel must possess.

3- PLUS PACKAGE* | $595.00
Includes both options listed, a Savings of $50!
NOTE: Plus package is only offered before or during the class.

OVERHEAD CRANE VARIABLE FREQUENCY DRIVE CONTROLS

COURSE NUMBER: OCVFD | 3 DAYS* $1995.00 

This course is designed to familiarize attendees with adjustable frequency drives in particular Magnetek Series 4. A state of the art vector drive course for cranes begins with fundamentals of frequency drives, then using a Magnetek series 4 trainer, educates attendees for programming and optimum operation of the crane.

THIS COURSE IS ALSO AVAILABLE AT YOUR SITE!

*NUMBER OF DAYS MAY VARY.
OVERHEAD CRANE TRAIN THE TRAINER

COURSE NUMBER: OCTT 106 | 3.0 CEUs | 4 DAYS $2295.00 ♦

This program is designed for in-house personnel, previously qualified as trainers, who need a thorough understanding of the subject(s) for presentation to groups of their supervisors, operators, and inspection and maintenance personnel. All attendees will be assigned the task of specific research, development, and the presentation of materials during this course.

TRAINERS WILL LEARN HOW TO PERFORM CLASSROOM INSTRUCTION FOR YOUR PERSONNEL IN THE FOLLOWING AREAS AND MORE:

- Compliance with State and Federal OSHA Requirements
- Record Keeping Requirements
- Operator Inspection Requirements
- Nomenclature & Selection of Equipment
- Runway and Rail Inspection Procedures
- Operational limitations of Equipment
- Required Pre-Operational Inspection
- Correct Use of Hand Signals
- Handling the Load
- NEC and CMAA Requirements
- Rated Capacity
- Rigging Considerations
- Trainer Qualifications
- Training Course Development
- Preparation Goals
- Training Techniques
- Step-by-Step Process of Conducting Program Evaluation
- Training through Simulation

CEUs ARE ONLY APPLICABLE TO REGULARLY SCHEDULE PROGRAMS.

HANDS-ON TRAINING
This class also offers hands-on Overhead Bridge Crane Simulator Training as an integral part of the program. Simulation time only available in the Orlando, FL and Houston, TX training facilities.

ADD-ON OPTIONS

1- TRAINER PACKAGE | $1,995.00
- Program Specific PowerPoint Presentations
- One DVD Combo Disc ("Basic Overhead Crane Safety" and "Overhead Crane Communications"
- Daily Suggested Lesson Plan (pdf)
- Hands-On Student Exercises (pdf)
- Sample Pre-Test & Sample Post-Test (pdf)
- Instructor Guide (pdf)
- Student Training Manual (pdf)
- 5 Printed Student Training Manuals

2- NACB, INC. CERTIFIED TRAINER CERTIFICATION | $495.00
Immediately following the completion of this program, a block of time has been reserved for administration of written testing for Certification. A Certificate of Competency is issued to those who successfully complete all the requirements set forth by NACB, Inc. Please contact us to determine what qualifications your personnel must possess.

3- PLUS PACKAGE* | $1595.00
Includes both options above, a Savings of $800!
NOTE: Plus package is only offered before or during the class.

OVERHEAD CRANE STATIC STEPLESS CONTROLS

COURSE NUMBER: OCSC | 4 DAYS* $2395.00 ♦

Static Stepless is a solid state, secondary reactor control system for overhead cranes. The course focuses on practical information for set-up, trouble shooting and component replacement on the control system. Course includes classroom and lab exercises to reinforce the lesson plan.

THIS COURSE IS ALSO AVAILABLE AT YOUR SITE!

*NUMBER OF DAYS MAY VARY.

♦ See page 36-40 for schedule dates & locations | See back panel for cancellation policy. 1.800.654.5640 | OVERHEAD CRANE COURSES 13
RIGGING COURSES
QUALIFIED RIGGER LEVEL 1

COURSE NUMBER: QRL1 100 | 1 DAYS $595.00 ♦

This program is presented in conjunction with Certified Slings & Supply.

This course of instruction is designed for personnel whose responsibilities are or will be the inspection of rigging gear for material movement. This course will cover the inspection and use of the approved slings and rigging hardware used in material handling, along with the effects of the environment on rigging gear.

QUALIFIED RIGGER LEVEL 2

COURSE NUMBER: QRL2 100 | 2 DAYS $1495.00 ♦

This program is presented in conjunction with Certified Slings & Supply.

Upon completion of this course, the Rigging Person must demonstrate their knowledge of the safe Rigging methods through a written examination. Practical examinations are performed to verify the hands-on capabilities of each participant.

This course will instruct the student in the following areas:

- Sling Terminology & Types
- Using Sling Capacity (Load) Charts
- Using Shackles Properly
- Basic Sling Attachments & Configurations
- Calculating Sling Stresses
- How to Determine Load Weight
- Hooks
- Wedge Sockets
- Overview of Wire Rope and End Fittings
- How to Properly Perform a Pre-Use Sling Inspection
- How to Apply Current Federal Standards to Your Operation

COMPLIANCE:

- ASME B30.9
- Latest OSHA standard: 29 CFR Part 1926

NOTE: Students must provide their own personal protective equipment (PPE) such as gloves, hard hats, safety glasses, appropriate footwear, etc.

QUALIFIED SIGNAL PERSON

COURSE NUMBER: QSP 100 | 1 DAYS $1295.00 ♦

The most superior crane operator is only as good as the instructions they’re given on the job site. Upon completion of this course, the Signal Person must demonstrate their knowledge through a written examination. Practical examinations are performed to verify hands-on capabilities of each participant in Hand and Voice signal operations.

This course will instruct the student in the following areas:

- 1926.1419 Signals - General
- 1926.1420 Signals Radio, Telephone, etc.
- 1926.1421 Voice Signals
- 1926.1422 Hand Signals
- 1926.1428 Signal Person Qualification
- ASME B30 Signals
- Operational Limitations
- Crane Dynamics (swinging & Stopping)
- Boom Deflection
- Power Line Issues
- How to Apply Current Federal Standards to Your Operation

COMPLIANCE:

- ASME B30
- Latest OSHA standard: 29 CFR Part 1926

NOTE: Students must provide their own personal protective equipment (PPE) such as gloves, hard hats, safety glasses, appropriate footwear, etc.
CEUs ARE ONLY APPLICABLE TO REGULARLY SCHEDULED PROGRAMS.

RIGGING INSPECTOR

COURSE NUMBER: RI 101 | 2.4 CEUs | 3 DAYS $1695.00 ♦

To become a qualified in-house Rigging Inspector, an individual will need to develop an advanced skill set; this course is designed to do just that. Our training personnel have helped many individuals develop these Advanced Rigging Inspection Skills over the past 30 years. Many organizations across a broad spectrum of industries consider the NACB Advanced Rigger Inspection Course the highest quality program of its type. Each participant will be required to perform hands-on inspections of both damaged and used rigging gear, based on the appropriate OSHA, ASME, and other applicable standards and regulations concerning removal criteria.

Each Participant must pass both a written (with a minimum score of 85%) and practical performance examination to successfully complete the Advanced Rigging Inspector Course.

IN THIS CLASSROOM AND HANDS-ON ACTIVITY, YOU WILL LEARN ABOUT:

- Sling Terminology & Types
- Using Sling Capacity (Load) Charts
- Using Shackles Properly
- Basic Sling Attachments & Configurations
- Calculating Sling Stresses
- How to Determine Load Weight
- How to Apply Current Federal Standards to Your Operation
- How to Use Standard Weight Tables
- Information Contained on Condition Forms

- How to Inspect as well as the removal Criteria for:
  - Wire Rope & Wire Rope Slings
  - Alloy Chain Slings
  - Metal Mesh Slings
  - Synthetic Web Slings
  - Synthetic Round Slings
  - Rigging Hardware
  - Hooks and Wedge Sockets
  - Below-the-Hook Lifting Devices

NOTE: Students that attend rigging programs will receive a copy of Willy’s Signal Person & Master Rigger Handbook – 240 page illustrated pocket reference book – a $19.95 value. In addition, students must provide their own personal protective equipment (PPE) such as gloves, hard hats, safety glasses, appropriate footwear, etc.

ADD-ON OPTIONS

1- INSPECTOR KIT | $150.00
Multiple tools for inspection include: tape measure; wire rope card; caliper; magnifier; pocket knife and level. All in a soft canvas belly pack. (NK08)

2- NACB, INC. CERTIFIED INSPECTOR CERTIFICATION | $495.00
Immediately following the completion of this program, a block of time has been reserved for administration of written testing for Certification. An Identification Card and Certificate of Competency is issued to those who successfully complete all the requirements set forth by NACB, Inc. Please contact us to determine what qualifications your personnel must possess.

3- PLUS PACKAGE | $595.00
Includes both options above, a Savings of $50!
NOTE: Plus package is only offered before or during the class.
ADVANCED RIGGING SEMINAR

COURSE NUMBER: ARS 100 | 4 HOURS ♦

This 4-hour rigging class will provide attendees with a general understanding of the requirements and proper working practices related to mechanical lifting. Upon successful completion of the course, participant will learn how to apply rigging methods properly and successfully.

TOPICS INCLUDE:
- Basic Introduction to Rigging Inspection
- Risk Management and the Basic Rigging Plan at the Load Hook
- Rigging Principles
- Loads on Rigging and the Rigging Triangle
- Application of Rigging Hardware
- Inspection of Rigging Hardware
- Application of Slings

EACH ATTENDEE WILL RECEIVE:
- 1 Certificate of Attendance
- 1 Product Application Seminar Workbook
- 1 User’s Lifting Pocket Guide.

WHO ON YOUR TEAM NEEDS TO BE THERE?
All individuals who are associated with fall protection and rigging activities:
- Supervisors
- Riggers & rigging inspectors
- Safety and training personnel
- Quality personnel

WHY SHOULD YOUR TEAM BE THERE?
- Learn invaluable technical information which will help provide a more efficient and safe workplace.
- Learn how to identify hazardous situations that could cause INJURY or DEATH.
- Learn the latest information available on OSHA/ASME/ANSI regulations related to fall protection and rigging safety.

THIS COURSE IS ALSO AVAILABLE AT YOUR SITE!

NEW!

RIGGING AND SIGNAL PERSON COMBO

COURSE NUMBER: RCT 100 | 7 DAYS ♦

SAVE TIME AND MONEY WITH OUR NEW COURSE COMBOS & GET MULTIPLE TRAINING AT ONCE!

NACB’s new Rigging and Signal Person Combo course consists of a regimen of hand-picked rigging courses, bundled in an easy to digest format. Designed to save time and money when training for multiple types of equipment, this combo course features the full lineup of NACB’s signature Rigging Courses. Select the rigging programs that meet your needs and timeline.

Upon completion of this course, the Rigging Person must demonstrate their knowledge of safe rigging methods through a written examination. Practical examinations are performed to verify the hands-on capabilities of each participant. Certification is available for Rigging Inspector for an additional cost.

THIS COMBO COURSE FEATURES THE FOLLOWING COURSE AND CERTIFICATION OPTIONS:
- Rigging Inspector - 3 Days - Certification Available | For full course details see page 16.
- Qualified Signal Person - 1 Day - For full course details see page 15.
- Qualified Rigger Level 1 - 1 Day - For full course details see page 15.
- Qualified Rigger Level 2 - 2 Days - For full course details see page 15.

♦ See page 36-40 for schedule dates & locations | See back panel for cancellation policy.
TOWER CRANE COURSES
TOWER CRANE OPERATOR & INSPECTOR

COURSE NUMBER: TCO/I 101 | 3.0 CEUs | 3 DAYS $1295.00

Tower Cranes can be the largest and most complex pieces of equipment at the job site. They may reach hundreds of feet above the surface. Tower cranes may adjust their operating radius utilizing a luffing boom that varies boom angle or by a trolley traversing a horizontal boom. These cranes may be permanently mounted or mounted on a traveling base. These cranes may be designed to allow the crane to climb in the structure or by allowing the height of the crane to increase as the structure rises utilizing braces as required. For shorter erection heights and short term applications, a self-propelled, self-erecting crane may be utilized. Because of the complexity of these cranes, it is important that operators and inspectors have the skills and knowledge to perform their assigned task. Having your personnel properly trained and tested is the key to safe and efficient job performance.

**TYPES OF EQUIPMENT COVERED:**
- Hammerhead Tower Cranes
- Luffing Boom Tower Cranes
- Self-Erecting Tower Cranes

**TOPICS COVERED:**
- Nomenclature and Types of Tower Cranes
- Review of Tower Crane Accident causation
- Components
- Factors Affecting Lifting Capacities
- Capacity Charts
- Critical Lifts
- Safety Devices
- Communications (Voice & Hand Signals)
- Wire Rope & Rigging
- Basic Rigging
- Rigging Hardware
- Reducing accidents through inspections Slings
- Safety Standards
- Implementing an inspection
- Required levels of inspection
- How to inspect structural components, sheaves, blocks, hooks, operating mechanisms, hydraulic, pneumatic and electrical systems, hydraulic cylinders, wire rope, operational aids and safety devices
- Emphasis is placed on the structural, mechanical, electrical, hydraulic and safety/liability areas of inspection
- Identifying deficiencies & safety hazards

**HANDS-ON TRAINING:**
This class also offers hands-on Hammerhead Tower Crane Simulator Training as an integral part of the program. Simulation time only available in the Orlando, FL and Houston, TX training facilities.

**NOTE:** Tower crane certification available only for inspection portion.

**ADD-ON OPTIONS**

**1- INSPECTOR KIT | $150.00**
Multiple tools for inspection include: tape measure; wire rope card; caliper; magnifier; pocket knife and level. All in a soft canvas belly pack.

**2- NACB, INC. CERTIFIED INSPECTOR CERTIFICATION | $495.00**
Immediately following the completion of this program, a block of time has been reserved for administration of written testing for Certification. An Identification Card and Certificate of Competency is issued to those who successfully complete all the requirements set forth by NACB, Inc. Please contact us to determine what qualifications your personnel must possess.

**3- PLUS PACKAGE | $595.00**
Includes both options listed, a Savings of $50!
NOTE: Plus package is only offered before or during the class.
AERIAL WORK PLATFORM COURSES
AERIAL WORK PLATFORM OPERATOR & INSPECTOR

COURSE NUMBER: AWPO/I | 2 DAYS $795.00 ♦

Aerial work platforms are found throughout our industry, in factories, out on construction sites, practically anywhere there is a need for someone to reach an additional height. There are a wide variety of systems in use; some are better suited for particular environments than others. When they are used properly, they are very safe. However, used improperly, they become a potential danger not only to those operating them but to the general public in near proximity. This program will address the various types of equipment available and safe practices required by the industry.

ADD-ON OPTIONS

1- INSPECTOR KIT | $150.00
Multiple tools for inspection include: tape measure; wire rope card; caliper; magnifier; pocket knife and level. All in a soft canvas belly pack.

2- NACB, INC. CERTIFIED INSPECTOR CERTIFICATION | $495.00
Immediately following the completion of this program, a block of time has been reserved for administration of written testing for Certification. An Identification Card and Certificate of Competency is issued to those who successfully complete all the requirements set forth by NACB, Inc. Please contact us to determine what qualifications your personnel must possess.

3- PLUS PACKAGE* | $595.00
Includes both options listed, a Savings of $50!
NOTE: Plus package is only offered before or during the class.

AERIAL WORK PLATFORM TRAIN THE TRAINER

COURSE NUMBER: AWPTT | 1.8 CEUs | 3 DAYS $1695.00 ♦

Found throughout the industry, the aerial work platform can be a very useful and safe piece of lift equipment. Misused or abused, this equipment can be very dangerous. This 3-day program has been designed to provide your in-house personnel with the necessary fundamental training to train other personnel on the safe and efficient operation of aerial work platforms. All attendees will be assigned the task of specific research, development, and the presentation of materials during this course.

ADD-ON OPTIONS

1- TRAINER PACKAGE | $1,995.00
• Program Specific PowerPoint Presentations
• Includes DVD, "Aerial Work Platform Safety"
• Daily Suggested Lesson Plan (pdf)
• Hands-On Student Exercises (pdf)
• Sample Pre-Test & Sample Post-Test (pdf)
• Instructor Guide (pdf)
• Student Training Manual (pdf)
• 5 Printed Student Training Manuals

2- NACB, INC. CERTIFIED TRAINER CERTIFICATION | $495.00
Immediately following the completion of this program, a block of time has been reserved for administration of written testing for Certification. A Certificate of Competency is issued to those who successfully complete all the requirements set forth by NACB, Inc. Please contact us to determine what qualifications your personnel must possess.

3- PLUS PACKAGE* | $1595.00
Includes both options above, a Savings of $800!
NOTE: Plus package is only offered before or during the class.

♦ See page 36-40 for schedule dates & locations | See back panel for cancellation policy. 1.800.654.5640 | AERIAL WORK PLATFORM COURSES
FORKLIFT COURSES
Almost everyone in industry, at one time or another has been behind the controls of a forklift. Unfortunately, the great majority of those personnel operating forklifts have had little or no formal training on the safe operation or inspection of this equipment. This 2-day program has been developed to provide personnel with the proper training. The course involves hands-on training as an integral part of the program.

ADD-ON OPTIONS

1- INSPECTOR KIT | $150.00
Multiple tools for inspection include: tape measure; wire rope card; caliper; magnifier; pocket knife and level. All in a soft canvas belly pack.

2- NACB, INC. CERTIFIED INSPECTOR CERTIFICATION | $495.00
Immediately following the completion of this program, a block of time has been reserved for administration of written testing for Certification. An Identification Card and Certificate of Competency is issued to those who successfully complete all the requirements set forth by NACB, Inc. Please contact us to determine what qualifications your personnel must possess.

3- PLUS PACKAGE | $595.00
Includes both options listed, a Savings of $50!
NOTE: Plus package is only offered before or during the class.

FORKLIFT OPERATOR TRAIN THE TRAINER

Forklifts are the backbone of the lift industry. Almost everyone in industry, at one time or another, has been behind the controls of a forklift. Unfortunately, the great majority of those personnel operating forklifts have had little or no formal training on the safe operation of this equipment. This 3-day program has been developed to provide personnel with the proper training techniques needed to become competent in-house trainers. All attendees will be assigned the task of specific research, development, and the presentation of materials during this course.

ADD-ON OPTIONS

1- TRAINER PACKAGE | $1,995.00
• Program Specific PowerPoint Presentations
• Daily Suggested Lesson Plan (pdf)
• Hands-On Student Exercises (pdf)
• Sample Pre-Test & Sample Post-Test (pdf)
• Instructor Guide (pdf)
• Student Training Manual (pdf)
• 5 Printed Student Training Manuals

2- NACB, INC. CERTIFIED TRAINER CERTIFICATION | $495.00
Immediately following the completion of this program, a block of time has been reserved for administration of written testing for Certification. A Certificate of Competency is issued to those who successfully complete all the requirements set forth by NACB, Inc. Please contact us to determine what qualifications your personnel must possess.

3- PLUS PACKAGE | $1,595.00
Includes both options above, a Savings of $800!
NOTE: Plus package is only offered before or during the class.
FALL PROTECTION COURSES
THESE PROGRAMS ARE PRESENTED IN CONJUNCTION WITH CERTIFIED SLINGS & SUPPLY.

AUTHORIZED PERSON

COURSE NUMBER: AP 100 | 4 HOURS | $239.00

This course offers an awareness of the issues involved with fall protection. A focus on the theory of fall protection and the need to protect workers at heights highlights this informative seminar. Participants are introduced to the legislation governing fall protection as well as the components of a fall protection system including body holding devices, anchorages, connectors and rescue.

Upon successful completion of this course the student will receive a certificate acknowledging they have met or exceeded OSHA, ANSI and CSA requirements as an Authorized Person.

TOPICS DISCUSSED:
- Local governing regulations relating to Fall Protection
- Traditional Fall Protection (e.g. handrails, guardrails, etc.)
- Fall Restraint systems
- Fall Arrest systems (including anchors, body support, connecting components and the importance of a rescue plan)

RECOMMENDED ATTENDANCE:
- This course is designed for individuals working at height.

EQUIPMENT INSPECTOR

COURSE NUMBER: EI 100 | 4 HOURS | $239.00

This is a comprehensive inspection course which after completion will allow those responsible for the inspection of fall protection equipment to make educated decisions on the suitability for use.

The training will also include Standards and Regulations, incorporating what they require and how they relate to the inspection process. Upon successful completion of this course the student will receive a certificate acknowledging they have met or exceed the requirements of the OSHA and ANSI standards.

TOPICS DISCUSSED:
- Standards – ANSI (American National Standards Institute)
- Regulations – OSHA (Occupational Safety and Health Administration)
- Liability
- Inspection process for a range of fall protection equipment
- Full Body Harnesses
- Shock Absorbing and Positioning Lanyards
- Self Retracting Lifelines
- Anchorage Connectors
- Key Inspection Components
- Webbing, Hardware, Stitching, Labels, Buckles, D-rings
- Documentation methods / Recording and Logging of Inspections
- Technical Bulletins

RECOMMENDED ATTENDANCE:
- Employees who will be assigned a task to work at heights, issued fall protection equipment and required to inspect their equipment.

DISCLAIMER: NACB, INC. OR CERTIFIED SLINGS, INC. WILL NOT BE HELD LIABLE FOR ANY DAMAGES OR INJURY ARISING OUT OF PARTICIPATION DURING AN AUTHORIZED FALL PROTECTION OR CONFINED SPACE COURSE. Note: Companies sending students to attend Capital Safety training must provide evidence of insurance coverage via a current insurance certificate (ACORD format preferred) at least 5 business days prior to the training date. The insurance coverage required is proof of general liability (GL) and worker’s compensation (WC). The attendee will be required to sign a Participant Waiver and Release of Liability on the first day of training in order to participate in the climbing and descent portions of the training. If at one week prior to the course start date a minimum student enrollment count has not been reached, NACB, Inc. or Certified Slings, Inc, reserves the right to cancel the course. Rescheduling support will be provided.
ADDITIONAL MANAGEMENT COURSES
NACB’s new Inspector Certification Combo courses consists of a full lineup of hand-picked courses. Designed to save time and money when training for multiple types of equipment, this combo courses highlights some of the most sought out certifications in the industry. Select the inspection programs that meet your needs and timeline.

This 5-day program is taught at our all-inclusive Orlando, FL Training Facility. This training features Hands-On and Crane Simulator training. Practical examinations are performed to verify the hands-on capabilities in each area of study.

**COMBO A – MCI + OCI | 5 DAYS | $3995.00**
- Mobile Crane Inspector | For full course details see page 7.
- Overhead Crane Inspector | For full course details see page 12.

**Dates Available:** June 17-21, 2019 | December 2-6, 2019

**COMBO B – FLI + AWPI | 3 DAYS | $2295.00**
- Forklift Inspector | For full course details see page 23.
- Aerial Work Platform Inspector | For full course details see page 21.

**Dates Available:** November 19-21, 2019

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**CRITICAL LIFT PLANNING & LIFT DIRECTOR**

**COURSE NUMBER: CLP/LD 100 | 1.2 CEUs | 2 DAYS $1595.00**

All loads that are to be lifted by a crane, whether small or large, need some form of planning. Pick points, swing radius, potential obstructions, weather conditions, etc. all play a necessary role in determining the safety of the lift. This 2-day course will cover the many different aspects of proper lift planning for both critical and non-critical lifts as directed by the new ASME P30 safety standard.

**PRE-REQUISITES:**
Class participants must have a basic understanding of crane operation and set-up prior to taking this class. This knowledge includes:
1. Knowledge and understanding on how to use a crane’s load chart to determine its rated capacity for any and all crane configurations.
2. Basic understanding of types and uses of various slings, rigging gear, and below-the-hook devices.
3. Knowledge of basic principles of lifting personnel and associated equipment.

**TOPICS COVERED:**
- Types of lifting activity considerations
- Identify type of planning required
- Usage
- Non-critical lift planning
- Critical lift planning
- Size of crew needed and their responsibilities
- Understanding load charts
- Non-critical lift criteria
- Critical lift criteria/definitions
- Execution of lift plan

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**CRANE ASSEMBLY & DISASSEMBLY DIRECTOR**

**COURSE NUMBER: CA/D DIR 100 | 1.8 CEUs | 2 DAYS $1295.00**

This 2-day course will cover the requirements of OSHA’s new Construction Standards for the Director overseeing the Assembly and Disassembly of cranes, particularly the 29 CF 1926.1403 through 1406 and 1412 standards. The A/D Director has a great deal of overall responsibility for the safety of the operation.

**TOPICS COVERED:**
- A/D Director Responsibilities
- Equipment Inspection
- Synthetic Sling Usage
- Outriggers and Stabilizers
- Tower Crane Supplements
- General Requirements
- Crew Communication
- Work Procedures
- Load Weights
- Rigging Requirements
- Component Selection

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See page 36-40 for schedule dates & locations | See back panel for cancellation policy. 1.800.654.5640 | ADDITIONAL MANAGEMENT COURSES
ON SITE TRAINING AT YOUR FACILITY

CAN’T MAKE IT TO ONE OF OUR SAFETY TRAINING SESSIONS? NO PROBLEM, WE CAN COME TO YOURS!

ON-SITE PROGRAMS
We can come to your facility, train your people on your equipment, and offer training specific to your operational requirements! There are several options available to you for on-site presentation of programs:

CHOOSING THE RIGHT TRAINING OPTION:

► OPTION 1
   We can present any of our regular scheduled safety training programs at your facility, as they are currently being presented.

► OPTION 2
   We can tailor a particular program around your facility and your personnel to be specific to your equipment.

► OPTION 3
   We can provide hands-on instruction specific to your equipment, utilizing your equipment.

► OPTION 4
   We can provide testing and certification documentation specific to your equipment.

BENEFITS
• Customized on-site training to fit your particular needs
• Training oriented to all skill levels from the beginner to the seasoned veteran
• Savings of company time and travel expenses
• Actual hands-on training with your equipment
• Certification/Authorization of students in 1 to 5 day programs

RESULTS
• Safer working environment
• Better qualified operators/supervisors/trainers/inspectors
• Eliminate costly production downtime
• Reduces cost of damages to products, personnel, and equipment
• Shows that you care about your employees

WHY NACB, INC.?
• Largest full service lift equipment training company in the country
• Flexibility in working with your schedules and personnel
• A proven record of training tens of thousands of lift equipment operators/supervisors/trainers/inspectors throughout the world

TO SCHEDULE A PROGRAM AT YOUR FACILITY, CALL OR VISIT 1.800.654.5640 | WWW.CRANESAFE.COM
PROGRAMS AVAILABLE FOR ON-SITE TRAINING:

- NCCER CERTIFICATIONS AVAILABLE!
- Advanced Rigging Practices & Principles
- Advanced Rigging Practices & Principles
  Train the Trainer
- Advanced Rigging Seminar
- Aerial Work Platform/Bucket Truck Operator
- Aerial Work Platform/Bucket Truck Inspector
- Aerial Work Platform/Bucket Truck
  Train the Trainer
- Boom Truck Operator
- Boom Truck Operator Train the Trainer
- Crane & Equipment Management
- Crane Assembly & Disassembly Director
- Critical Lift Planning & Lift Director
- Digger Derrick Operator
- Industrial Crane Operator
- Industrial Crane Train The Trainer
- Inspector Licensing Preparation Program
- Forklift Inspector
- Forklift Operator
- Forklift Train the Trainer
- Mobile Crane Operator
- Mobile Crane Inspector
- Mobile Crane Operator
- Mobile Crane Train The Trainer
- Overhead Crane Operator
- Overhead Crane Inspector
- Overhead Crane Static Stepless Controls
- Overhead Crane Variable Frequency Drive Controls (VFD)
- Overhead Crane Train The Trainer
- Overhead Hoist Inspector/Maintenance
- Pedestal Crane Operator
- Pedestal Crane Inspector
- Pedestal Crane Train The Trainer
- Portal Crane Operator
- Portal Crane Train The Trainer
- Qualified Rigger Level 1
- Qualified Rigger Level 2
- Qualified Rigger Evaluator Training
- Qualified Signal Person Evaluator Training
- Rigging Safety
- Rigging Safety Train The Trainer
- Skid Steer Operator
- Tower Crane Operator
On-site heavy equipment operator training, specific to your equipment and to your operating environment, is available on all types of equipment such as:

- Dozers
- Backhoes
- Excavators
- Loaders
- Motor Graders
- Forklifts

Using curricula developed by NCCER and other credible technical resources, NACB, Inc. can provide classroom and hands-on field instruction at your facility!

Contact an NACB representative to discuss details pertaining to all types of heavy equipment operator training for the construction trades and for general industry applications.
NACB INSPECTIONS

North American Crane Bureau, Inc. is accredited by several recognized authorities to inspect and issue documents of certification for material handling devices:

- Accredited — U.S. Department of Labor/OSHA
- Accredited — Cal/OSHA
- Accredited — WISHA
- Accredited — Nevada/OSHA
- Accredited — State of New Mexico

WE PROVIDE SAFETY AND COMPLIANCE INSPECTIONS FOR:

- Annual & Quadrennial Maritime Applications:
  29 CFR part 1919
- Monthly, Quarterly & Annual
  General Industry Applications:
  29 CFR part 1910, ASME/ANSI B30 Series
- Monthly, Quarterly & Annual
  Construction Industry Applications:
  29 CFR part 1926, ASME/ANSI B30 Series
- Pre-Purchase Acceptance/
  Condition Inspections
- Critical Lift Support
NACB offers multiple training facilities around the country. All regional training facilities are fully equipped with state-of-the-art crane simulation training systems, multiple classrooms, and lift equipment for hands-on field training.

ORLANDO TRAINING FACILITY

To address the growing demand for crane operators and hands-on training, NACB, Inc. has a training facility in the Central Florida. Complete with classroom, and an area set specifically for simulation and interactive learning.
HOUSTON TRAINING FACILITY
To better serve our clientele in and around the Gulf Coast Region, we have a training facility in the Texas area. We offer our extensive portfolio of crane operator training and certification programs. This facility allows for hands-on training in many different disciplines; regardless of weather conditions. Complete with classroom, and an area set specifically for simulation and interactive learning.

MID-WEST TRAINING FACILITY
NACB, Inc. and Cincinnati Crane & Hoist Join Forces to Offer Localized Crane Operator Training and Certification Programs to the Midwest Region. In addition to offering complete turn key crane systems, engineered overhead cranes, jib cranes, and complete crane runway systems, Cincinnati Crane & Hoist will host NACB, Inc.’s New-Midwest Training Center.

TAMPA TRAINING FACILITY
In association with Certified Slings, Inc., NACB, Inc. now offers their acclaimed Fall Protection Courses at their very accommodating facility in Tampa, FL.
NCCER COURSES

NCCER BASIC RIGGING
WRITTEN ASSESSMENT COURSE NUMBER: NCCERBR 100 | 2 DAYS $1595.00

This program includes 1 1/2-days of instruction and 1/2-day of written assessment. This course includes detailed information required to prepare you for the NCCER's Written Assessment & Practical Examination.

Upon completion of this course, the Basic Rigger safely uses and recognizes the limitations of chain, synthetic, metal mesh, and wire rope slings as well as specific rigging hardware to include: hooks and similar attaching devices, shackles, wire rope clips, clamps, eyebolts, softeners, and taglines.

The Basic Rigger identifies common load configurations and positioning and demonstrates specific knowledge of crane operations including voice and radio communications (as defined in ASME B30.2, ASME B30.3, ASME B30.5, ASME B30.6), personal fall protection methods, emergency procedures, and hazards and restrictions when working in proximity to overhead electric lines and equipment.

*Practical Examinations are available beginning the day after the course ends. Please contact a representative to register for practical examination, as there are a limited number of examination spaces. Additional cost apply for NCCER's practical examination.

NCCER INTERMEDIATE RIGGING
WRITTEN ASSESSMENT COURSE NUMBER: NCCERIR 101 | 3 DAYS $1795.00

This program includes 2 1/2-days of instruction and 1/2-day of testing. This course includes detailed information required to prepare you for the NCCER's Written Assessment & Practical Examination.

In addition to being knowledgeable in all basic and intermediate rigger tasks, the intermediate rigger must also demonstrate intermediate level of proficiency in all the rigger tasks. The intermediate rigger applies specific rigging operations using come-along and chain hoists, reeving, rigging hitches and knots, anchor points, synthetic ropes, wire ropes, chains, spreader bars and equalizing beams, synthetic slings, lifting points, dollys, trolleys, winches, bars and levers, rigging jacks, links and rings, plate clamps, and cable dogs/grips.

The Intermediate Rigger is proficient in load dynamics and load weight estimation or determination as they relate to the rigging operation. The Intermediate Rigger calculates equipment capacities, and applies D/d ratios, vectors, angles, boom angles and load radius as they relate to lifting and/or rigging operations.

*Practical Examinations are available beginning the day after the course ends. Please contact a representative to register for practical examination, as there are a limited number of examination spaces. Additional cost apply for NCCER's practical examination.

NCCER ADVANCED RIGGING
WRITTEN ASSESSMENT COURSE NUMBER: NCCERAR 102 | 3 DAYS $1995.00

This program includes 2 1/2-days of instruction and 1/2-day of testing. This course includes detailed information required to prepare you for the NCCER's Written Assessment & Practical Examination.

In addition to being knowledgeable in all basic and intermediate rigger tasks, the advanced rigger must also demonstrate advanced level of proficiency in all the rigger tasks. The advanced rigger performs specific rigging operations as they relate to blind hoists, traveling with a load, working in close quarters, and lift procedures for personnel.

The advanced rigger applies specific rigging criteria from the manufacturer or equipment representative to the safe and appropriate methods of erection, dismantling, jumping, and reconfiguring of cranes. The advanced rigger also applies specific rigging criteria for lifting a single load with multiple cranes. The advanced rigger identifies and interprets load indicators and safety devices, capacity or load charts, specific mechanical advantages, the center of gravity as it relates to the rigging operation, as well as the effects of angles or indirect pulling in the rigging operation.

The advanced rigger is also proficient in the direction of single, multiple specialized lifts. The advanced rigger is knowledgeable and can demonstrate proficiency in the design, documentation, and implementation of lift planning.

*Practical Examinations are available beginning the day after the course ends. Please contact a representative to register for practical examination, as there are a limited number of examination spaces. Additional cost apply for NCCER's practical examination.

NCCER SIGNAL PERSON
WRITTEN ASSESSMENT COURSE NUMBER: NCCERSP 103 | 2 DAYS $1495.00

This program includes 1 1/2-days of instruction and 1/2-day of testing. This course includes detailed information required to prepare you for the NCCER's Written Assessment & Practical Examination.

The Signal Person is proficient in the performance of hand and verbal signals, including the standard methods for hand signals as required by ASME B30.2, ASME B30.3, ASME B30.5, and ASME B30.6. The Signal Person demonstrates a basic knowledge of crane operations and limitations, including crane dynamics involved in the swinging, controlling and stopping of loads, and the boom deflections from hoisting loads.

The Signal Person demonstrates specific knowledge of crane operations including voice and radio communications, personal fall protection methods, emergency procedures, and hazards and restrictions with working in proximity to overhead electric lines and equipment.

*Practical Examinations are available beginning the day after the course ends. Please contact a representative to register for practical examination, as there are a limited number of examination spaces. Additional cost apply for NCCER's practical examination.
INDUSTRY-RECOGNIZED CRANE CERTIFICATIONS

NCCER is your one-stop shop for all of your crane certification needs. The programs allow you to test operators at YOUR site using YOUR equipment.

Each certification program offers:
- Assessment and practical examination results within 15 minutes of submission
- No rush fees
- Real-time online verification
- Portable, industry-recognized credentials

Find out how your organization can become accredited to provide NCCER training and assessments today. Call 1.888.622.3720 or visit nccer.org/crane.

Mobile Crane Operator
- Thirteen equipment-specific certifications (*including capacity*)
- Accredited by ANSI and meets Option 1 certification by an accredited crane operator testing organization under OSHA 29 CFR part 1926.1427*

Tower Crane Operator
- Three equipment-specific certifications

Rigger
- Three-level certification program

Signal Person
- Certification program

*NCCER’s online database records equipment type and capacity, required by OSHA 29 CFR part 1926.
# 2019 Schedule of Training Programs

Note: Regularly scheduled classes are based on minimum enrollments, instructor availability, and are subject to change.

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Note: Regularly scheduled classes are based on minimum enrollments, instructor availability, and are subject to change.

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