

Rigging: Level 01 Prep for NCCCO



A DIVISION OF ECPI UNIVERSITY

Any company that uses any kind of lifts or hoists has operators perform those lifts. This practical hands-on course teaches the how to safely rig and lift known weight loads, the most common rigging and lifting activity in the industry.

Participants in this rigging training program will learn about rigging safety and how to calculate the weight of a load, common hitch and sling types, use of ropes, and locating the load's center of gravity.

The practical knowledge gained in our Rigging NCCCO (National Commission for the Certification of Crane Operators) – Level 1 training program will deliver a tangible improvement in both safety and on-the-job performance.

This course is also a test-prep course for the Rigger 1 NCCCO certification. NCCCO is an industry-certification designating someone as a Qualified rigger. Companies are increasingly requiring a Qualified rigger to address insurance costs and damaged-good costs. This course satisfies OSHA's requirement for a written assessment and practical demonstration exam, administered by a certified rigger, fulfilling a requirement needed to qualify a rigger in their company's internal rigger program.

NOTE: This is a test prep course. It does not result in NCCCO certification. This course does not "designate" worker as qualified to do rigging. Only the Employer can do this.



WHAT THIS COURSE COVERS

- Overview of Principles and How To, including safety.
- Emphasis is on inspection of the rigging
- Six (6) types of rigging set-ups
- Known weights
- Centers of gravity
- Practicum using client equipment
- Level 1 tasks

WHO SHOULD TAKE THIS

- General Maintenance
- Operators
- Electricians

COURSE OUTCOMES

- Safely lift known-weight loads
- Understand rigging safety
- Calculate proper load weights and load balancing
- Work with rigging hardware, sling materials, and hitches
- Apply to test for Level 1 NCCCO

COURSE AGENDA

- The five knots needed to complete tasks in rigging
- Pre-lift plan: Safety review / job safety audit
- Selection and inspection of equipment
- Avoiding hazards in the lift process
- The lift process
- Hands-on practical application by student

Lecture Hands-on • **ONSITE:** 3-days (24 hours) • **LIVE ONLINE:** N/A



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