

Hands-On
Rigging and Ropes



Course Description

This course teaches an advanced understanding of rigging and ropes used in accord with the industry standards applicable to most tower related rigging techniques.

Hands-On instruction will cover rigging standards, uses and applications for slings, shackles, hooks, to workers in the Tower, Communications, Power, Construction, Military and Rescue industries in order to impart the most efficient and safe methods of use of Rigging and Ropes.

Prerequisites

None.

Course Outline

1. The Basic Rigging Plan

- The Basic Rigging Standards
- Common Rigging Problems
- The Basic Rigging Plan
- Rigging Gear Performance

2. Slings and Their Capacities

- The Basic Hitches
- Sling Capacities
- Evaluation of the Hitches

3. The Rigging Triangle

- The Center of Gravity
- The Horizontal Sling Angle
- Sling Loading

4. Application of Hardware

- Shackles
- Hooks
- Links and Rings
- Evaluation of Hardware Connections

5. Load Control

Rigging to Center of Gravity
Load Stability
Estimating the Center of Gravity
Hitches and Load Control

6. Hands on application of knowledge

Delivery Method

Instructor-Led with numerous Hands-On labs and exercises.

Equipment Requirements

(This apply's to our hands-on courses only)

BTS always provides equipment to have a very successful Hands-On course. BTS also encourages all attendees to bring their own equipment to the course. This will provide attendees the opportunity to incorporate their own gear into the labs and gain valuable training using their specific equipment.

Course Length

1 Day