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## SECTION HEADING

### ELUT 1101: Electrical and Rigging Safety

#### Description

Electrical Rigging and Safety includes State and Federal OSHA Rules and National Electric Safety Work Rules, regarding safety in the Electrical Field. Emphasis is on personal protective equipment, personal, and company rules of safety. Instruction in elementary knots and the use of different types of slings. Outdoor lab includes pole top rescue, the safe practices of grounding, and the rigging and lowering of a crossarm.

#### Credits

3

#### Topics to be Covered

1. State OSHA Rules
2. AMSO Work Rules
3. OSHA Rules
4. Safety rules related to grounding and clearance
5. Knots, bends, and hitches used in rope tying and lifting

#### Learning Outcomes

1. Describe and apply State OSHA Rules
2. Describe and apply AMSO Work Rules
3. Describe and apply Federal OSHA Rules
4. Demonstrate safe working distance
5. Demonstrate air-testing rubber gloves
6. Demonstrate knot tying and braiding rope splices
7. Analyze sling load angles
8. Calculate sling angle loads
9. Describe a lifting chain and determine line loads
10. Discuss a hold-tag order

#### Credit Details

Lecture: 2

Lab: 1

OJT: 0