



Mobile Crane Operator

Duration: Two Months

Modules I

1. Crane Operational Characteristics
2. Frequent and Periodic Inspections
3. How to read and apply load charts
4. How to use a range diagram
5. Quadrants of Operation
6. Reeving and Line Pull
7. Proper Mobile Crane Set-up
8. Evaluating Ground and Soil Stability
9. Outriggers and Pad Loading
10. Use of Jibs and Extensions

Modules II

1. Stability vs Structural Competence
2. Evaluating the load
3. Wire rope types and inspection
4. Accident Prevention and Root Cause
5. How to determine load weight
6. Effects of side loading
7. Power line contact prevention
8. Crane hands signals
9. Personnel Lifting
10. OSHA/ ASME Compliance

