

NONCREDIT ELECTRICAL TRAINING MODULE 2, CERTIFICATE OF COMPLETION

Requirements

A three-course module of State-approved electrical trainee courses in grounding systems; motors, motor controllers, process controllers; and transformers.

Code	Title	Units
CTV NC133	Motors, Motor Controllers and Process Controllers	0
CTV NC134	Transformers	0
CTV NC135	Grounding Systems	0

Learning Outcomes

1. Characterize the various types of grounding systems
2. Choose the proper grounding application for the electrical system being installed
3. Identify physical parts of various motors
4. Identify motor losses
5. Describe electromagnetism and mutual induction
6. Explain best practices for transformer installation