

NONCREDIT ELECTRICAL TRAINING MODULE 1, CERTIFICATE OF COMPLETION

Requirements

A three-course module of State-approved electrical trainee courses including Introduction to National Electrical Code, Electrical Theory, and Electrical Mathematics

Code	Title	Units
CTV NC136	Electrical Theory	0
CTV NC153	Electrical Mathematics	0
CTV NC194	Introduction to National Electrical Code	0

Learning Outcomes

1. Explain the purpose of the National Electrical Code
2. Identify the components of an electrical installation based on Code definitions
3. Explain AC and DC theory
4. Explain best practices for wiring installation and connection
5. Based on the course outline of record, apply relevant math to electric work
6. Recognize and create approval total load computations for electrical loads and equipment