ELEC1107 - Introduction to Residential Wiring

Credits:	3 (1/2/0)
Description:	This course provides a fundamental technical understanding of residential wiring. Basic wiring skills for residential occupancies will be practiced in lab settings while applying National Electrical Code standards.
Prerequisites:	
Corequisites:	
Pre/Corequisites*:	
Competencies:	1. Demonstrate electrical safety. 2. Demonstrate splicing and terminating skills. 3. Install electrical devices. 4. Calculate residential branch circuits. 5. Diagram residential circuitry. 6. Install electrical fixtures. 7. Apply National Electrical Code to residential applications. 8. Construct residential circuitry. 9. Identify electrical symbols. 10. Interpret residential blueprints.
MnTC goal areas:	None

**Can be taking as a Prerequisite or Corequisite.*

© 2026 Minnesota State Community and Technical College.
We reserve the right to periodically update information without notice.
The information in this publication should not be regarded as contractual in nature.