

## 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:	<ol style="list-style-type: none"><li>1. Demonstrate electrical safety.</li><li>2. Demonstrate splicing and terminating skills.</li><li>3. Install electrical devices.</li><li>4. Calculate residential branch circuits.</li><li>5. Diagram residential circuitry.</li><li>6. Install electrical fixtures.</li><li>7. Apply National Electrical Code to residential applications.</li><li>8. Construct residential circuitry.</li><li>9. Identify electrical symbols.</li><li>10. Interpret residential blueprints.</li></ol>
MnTC goal areas:	None

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