

## 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.