

## ELEC1118 - Electrical Services

Credits:	3 (2/1/0)
Description:	This course covers requirements and installation of service entrance equipment. Topics include service materials, installation procedures, meters, service and conduit sizes, panel types, bonding, grounding and overcurrent protection.
Prerequisites:	• ELEC1104
Corequisites:	
Pre/Corequisites*:	
Competencies:	<ol style="list-style-type: none"><li>1. Demonstrate electrical safety.</li><li>2. Apply National Electrical Code requirements.</li><li>3. Calculate service requirements.</li><li>4. Understand grounding and bonding requirements.</li><li>5. Demonstrate proper grounding and bonding requirements.</li><li>6. Identify service components.</li><li>7. Understand electrical service metering.</li><li>8. Install service equipment.</li><li>9. Prepare service panel schedule.</li></ol>
MnTC goal areas:	None

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