

## 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:	<ul style="list-style-type: none"> <li>• ELEC1104</li> </ul>
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.