

## ELEC2228 - Electrical Troubleshooting

Credits:	1 (0/1/0)
Description:	This course provides an application of principles of construction electricity to a variety of situations for the purpose of identifying and solving electrical problems. Emphasis is placed on electrical circuits pertaining to residential, commercial, industrial and motor control applications.
Prerequisites:	<ul style="list-style-type: none"> <li>• 36 credits of ELEC courses</li> </ul>
Corequisites:	
Pre/Corequisites*:	
Competencies:	<ol style="list-style-type: none"> <li>1. Demonstrate safe work practices.</li> <li>2. Describe possible causes for failures, symptoms and corrective actions.</li> <li>3. Demonstrate proper use of test and troubleshooting equipment.</li> <li>4. Demonstrate ability to interpret blueprints, schematics and OEM technical manuals.</li> <li>5. Describe proper preventative maintenance procedures.</li> </ol>
MnTC goal areas:	None

\*Can be taking as a Prerequisite or Corequisite.