

## ELEC2205 - Introduction to Commercial Wiring

Credits:	3 (1/2/0)
Description:	This course examines the material and design aspects of commercial wiring. Topics include raceways, boxes, design requirements for conduit layouts, circuit overcurrent protection and lighting.
Prerequisites:	<ul style="list-style-type: none"> <li>• ELEC1104</li> <li>• ELEC1122</li> </ul>
Corequisites:	
Pre/Corequisites*:	
Competencies:	<ol style="list-style-type: none"> <li>1. Demonstrate electrical safety.</li> <li>2. Identify National Electrical Code requirements.</li> <li>3. Lay out and design electrical circuits.</li> <li>4. Install electrical circuits.</li> <li>5. Calculate circuit requirements.</li> <li>6. Troubleshoot electrical circuits.</li> <li>7. Identify electrical materials.</li> <li>8. Interpret commercial blueprints.</li> <li>9. Determine commercial load requirements.</li> </ol>
MnTC goal areas:	None

\*Can be taking as a Prerequisite or Corequisite.