

## 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.*