ELEC2214 - Industrial Wiring

Credits:	2 (1/1/0)
Description:	This course covers the installation methods and materials used in industrial wiring. Topics include transformers, busways, motor installation, industrial metering, overcurrent system coordination, ground detection, grounding systems, surge protection, distribution, special systems and industrial hazardous locations, and the study of the National Electrical Code relating to these topics.
Prerequisites:	• ELEC1114
Corequisites:	
Pre/Corequisites*:	
Competencies:	1. Demonstrate electrical safety. 2. Identify National Electrical Code requirements. 3. Design electrical circuits. 4. Install electrical circuits. 5. Calculate circuit requirements. 6. Troubleshoot electrical circuits. 7. Identify electrical materials. 8. Interpret industrial blueprints. 9. Determine industrial load requirements.
MnTC goal areas:	None

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

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