ELEC2212 - Commercial Wiring

Credits:	3 (1/2/0)
Description:	This course covers materials and design aspects of commercial wiring, in particular lighting and fuse applications. Topics include lighting and lamp installation and selection, fuse selection, special outlets, load schedule, short circuit calculations and emergency illumination.
Prerequisites:	• ELEC2205
Corequisites:	
Pre/Corequisites*:	
Competencies:	1. Demonstrate electrical safety. 2. Identify National Electrical Code requirements. 3. Install electrical circuits. 4. Troubleshoot commercial circuits. 5. Identify commercial lighting. 6. Interpret commercial blueprints. 7. Determine proper overcurrent protection. 8. Describe grounding systems. 9. Calculate short circuit current.
MnTC goal areas:	None

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

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