ARCH2244 - Commercial Projects

Credits:	4 (1/3/0)
Description:	This course covers the construction document process for commercial building design while having the student complete a self-guided capstone project. Content includes final detailing, scheduling and sheet set layout from a given design developed project.
Prerequisites:	• ARCH2226
Corequisites:	
Pre/Corequisites*:	
Competencies:	1. Report code requirements of mixed-use building typology. 2. Design floor plans of a self-guided project. 3. Draw floor plans per given CAD standards. 4. Complete a square footage estimate of a self-guided project. 5. Design the exterior of a self-guided project. 6. Select exterior material finishes for a self-guided project. 7. Draw building elevations per given CAD standards. 8. Draw a roof plan per given CAD standards. 9. Select initial structural, mechanical and electrical systems for a self-guided project. 10. Create a coordinated building section for a self-guided project. 11. Draw sections per given CAD standards. 12. Report zoning requirements of a project site. 13. Draw property metes and bounds from given survey information. 14. Draw a site plan per given CAD standards. 15. Select interior material finishes for a self-guided project. 16. Coordinate door, window and room finish schedules with a building design. 17. Draw construction details for a building envelope. 18. Coordinate a drawing set per given CAD standards.
MnTC goal areas:	None

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

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