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 will include final detailing, scheduling and sheet set layout from a given design developed project.
Prerequisites:	• ARCH2226 • ARCH2240
Corequisites:	
Pre/Corequisites [*] :	
Competencies:	 Report code requirements of mixed-use building typology. Design floor plans of a self-guided project. Draw floor plans per given CAD standards. Complete a square footage estimate of the self-guided project. Design the exterior of a self-guided project. Select exterior material finishes for a self-guided project. Draw building elevations per given CAD standards. Draw a roof plan per given CAD standards. Select initial structural, mechanical and electrical systems for a self-guided project. Create a coordinated building section for a self-guided project. Draw sections per given CAD standards. Report zoning requirements of a project site. Draw property metes and bounds from given survey information. Draw a site plan per given CAD standards. Select interior material finishes for a self-guided project. Coordinate door, window and room finish schedules with a building design. Draw construction details for a building envelope. Coordinate a drawing set per given CAD standards.
MnTC goal areas:	None

*Can be taking as a Prerequisite or Corequisite.