

ARCH2244 - Commercial Projects

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| 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: | <ol style="list-style-type: none">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.