ARCH1126 - Residential Project I

Credits:	3 (1/2/0)
Description:	This course covers the design development and documentation of single-family living. Students will be introduced to residential design styles as well as proper documentation methods.
Prerequisites:	• CADD1000 • ENGT1134
Corequisites:	
Pre/Corequisites*:	
Competencies:	1. Identify architectural styles and elements. 2. Design residential schematics according to given design criteria. 3. Produce a project template file to specified computer aided drafting (CAD) standards 4. Draw basement and main level floor plans. 5. Draw a typical wall section. 6. Draw a building section. 7. Design a building exterior based on a given architectural style. 8. Draw building elevations. 9. Draw a roof plan. 10. Draw a stair section. 11. Create bathroom and kitchen layouts. 12. Draw a kitchen plan and cabinet elevations. 13. Draw a bathroom plan and cabinet elevations. 14. Evaluate site design factors. 15. Draw a site plan according to given zoning requirements.
MnTC goal areas:	None

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

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