

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:	<ul style="list-style-type: none">• CADD1000• ENGT1134
Corequisites:	
Pre/Corequisites*:	
Competencies:	<ol style="list-style-type: none">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) standards4. 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.