

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:	 Identify architectural styles and elements. Design residential schematics according to given design criteria. Produce a project template file to specified computer aided drafting (CAD) standards Draw basement and main level floor plans. Draw a typical wall section. Draw a building section. Design a building exterior based on a given architectural style. Draw building elevations. Draw a roof plan. Draw a stair section. Create bathroom and kitchen layouts. Draw a kitchen plan and cabinet elevations. Draw a bathroom plan and cabinet elevations. Evaluate site design factors. Draw a site plan according to given zoning requirements.
MnTC goal areas:	None

^{*}Can be taking as a Prerequisite or Corequisite.