

## 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"> <li>• CADD1000</li> <li>• ENGT1134</li> </ul>
Corequisites:	
Pre/Corequisites*:	
Competencies:	<ol style="list-style-type: none"> <li>1. Identify architectural styles and elements.</li> <li>2. Design residential schematics according to given design criteria.</li> <li>3. Produce a project template file to specified computer aided drafting (CAD) standards</li> <li>4. Draw basement and main level floor plans.</li> <li>5. Draw a typical wall section.</li> <li>6. Draw a building section.</li> <li>7. Design a building exterior based on a given architectural style.</li> <li>8. Draw building elevations.</li> <li>9. Draw a roof plan.</li> <li>10. Draw a stair section.</li> <li>11. Create bathroom and kitchen layouts.</li> <li>12. Draw a kitchen plan and cabinet elevations.</li> <li>13. Draw a bathroom plan and cabinet elevations.</li> <li>14. Evaluate site design factors.</li> <li>15. Draw a site plan according to given zoning requirements.</li> </ol>
MnTC goal areas:	None

\*Can be taking as a Prerequisite or Corequisite.