

## ARCH1122 - Computer Aided Drafting for Architecture

Credits:	4 (2/2/0)
Description:	This course covers the development of three-dimensional architectural modeling and documentation using AutoCAD for Architecture software. Emphasis is on creating and editing custom component styles.
Prerequisites:	• CADD1000 • ENGT1134
Corequisites:	
Pre/Corequisites*:	
Competencies:	<ol> <li>Define a project's parameters using Project Navigator.</li> <li>Create construct, element, view and sheet files using Project Navigator.</li> <li>Control object visibility through Display Properties.</li> <li>Construct wall objects per computer aided drafting (CAD) standards.</li> <li>Create custom wall styles.</li> <li>Modify wall cleanups using cleanup radii and merge.</li> <li>Produce door and window objects per CAD standards.</li> <li>Create custom door and window styles.</li> <li>Incorporate objects from Content Browser to a CAD file.</li> <li>Produce stair styles that adhere to CAD standards.</li> <li>Create curtain walls using given curtain wall styles.</li> <li>Create roof objects and slab objects using a given style.</li> <li>Create elevation and section objects linked to a composite building model.</li> <li>Generate various drawing annotations and schedules.</li> <li>Produce plotted output from sheet views.</li> </ol>
MnTC goal areas:	None

<sup>\*</sup>Can be taking as a Prerequisite or Corequisite.