

## 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:	<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. Define a project's parameters using Project Navigator.</li> <li>2. Create construct, element, view and sheet files using Project Navigator.</li> <li>3. Control object visibility through Display Properties.</li> <li>4. Construct wall objects per computer aided drafting (CAD) standards.</li> <li>5. Create custom wall styles.</li> <li>6. Modify wall cleanups using cleanup radii and merge.</li> <li>7. Produce door and window objects per CAD standards.</li> <li>8. Create custom door and window styles.</li> <li>9. Incorporate objects from Content Browser to a CAD file.</li> <li>10. Produce stair styles that adhere to CAD standards.</li> <li>11. Create curtain walls using given curtain wall styles.</li> <li>12. Create roof objects and slab objects using a given style.</li> <li>13. Create elevation and section objects linked to a composite building model.</li> <li>14. Generate various drawing annotations and schedules.</li> <li>15. Produce plotted output from sheet views.</li> </ol>
MnTC goal areas:	None

\*Can be taking as a Prerequisite or Corequisite.