

## MCDD2220 - Mechanical Engineering Drawing IV

Credits:	3 (2/1/0)
Description:	This course introduces the student to multiple specialized computer programs to create working drawings for manufacturing and construction.
Prerequisites:	<ul style="list-style-type: none"> <li>• CADD1000</li> </ul>
Corequisites:	
Pre/Corequisites*:	
Competencies:	<ol style="list-style-type: none"> <li>1. Prepare a Building Information Modeling Execution Plan (BEP).</li> <li>2. Manipulate software user interface.</li> <li>3. Describe Building Information Modeling (BIM).</li> <li>4. Apply patterns found in the materials library to elevations, plans and applied details.</li> <li>5. Define Level of Development (LOD).</li> <li>6. Develop software-generated material schedules.</li> <li>7. Demonstrate project family editing.</li> <li>8. Demonstrate file sharing between software programs.</li> <li>9. Explain environmentally responsible manufacturing and construction.</li> <li>10. Manage project work sets for multiple projects.</li> </ol>
MnTC goal areas:	None

\*Can be taking as a Prerequisite or Corequisite.