

## 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:	• CADD1000
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.*