

## 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> <li>Prepare a Building Information Modeling Execution Plan (BEP).</li> <li>Manipulate software user interface.</li> <li>Describe Building Information Modeling (BIM).</li> <li>Apply patterns found in the materials library to elevations, plans and applied details.</li> <li>Define Level of Development (LOD).</li> <li>Develop software-generated material schedules.</li> <li>Demonstrate project family editing.</li> <li>Demonstrate file sharing between software programs.</li> <li>Explain environmentally responsible manufacturing and construction.</li> <li>Manage project work sets for multiple projects.</li> </ol>
MnTC goal areas:	None

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