

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

*Can be taking as a Prerequisite or Corequisite.