DET2230 - 3D Printing and Prototyping

Credits:	2 (1/1/0)
Description:	This course covers the basic concepts of 3D printing and rapid prototyping utilizing various three-dimensional printers and scanning equipment.
Prerequisites:	• CADD1410 OR • ARCH2248 OR • CADD1400
Corequisites:	
Pre/Corequisites*:	
Competencies:	1. Calculate scale factors for printed models. 2. Generate solid model geometry for 3D printing from existing drawings. 3. Perform build box geometry manipulations. 4. Demonstrate the steps required for machine setup. 5. Demonstrate proper procedures for removing completed models from machine build plates. 6. Demonstrate proper techniques for machine maintenance.
MnTC goal areas:	None

**Can be taking as a Prerequisite or Corequisite.*

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