# DET1230 - Introduction to 3D Printing and Scanning

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| Credits: | 2 (1/1/0) |
| Description: | This course covers basic concepts of 3D printing and rapid prototyping, utilizing various three-dimensional printers, scanners and slicing software. |
| Prerequisites: | |
| Corequisites: | |
| Pre/Corequisites*: | |
| Competencies: | 1. Calculate scale factors for printed models.<br>2. Import and analyze geometry from various file types and software.<br>3. Perform build box geometry manipulations to ensure proper printing of models.<br>4. Demonstrate the appropriate application and use of model supports in the printing process.<br>5. Demonstrate the steps required for accurate machine setup.<br>6. Demonstrate proper procedures for removing completed models from machine build plates. |
| MnTC goal areas: | None |

*Can be taking as a Prerequisite or Corequisite.*

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