MCDD2112 - Geometric Dimensioning and Tolerancing

Credits:	2 (2/0/0)
Description:	The objective of this course is to develop the student's understanding and application of a self-defined set of symbols, rules, definitions and conventions used to describe the size, form, orientation and location of part features.
Prerequisites:	• CADD1000 • MCDD1104
Corequisites:	• MCDD1106
Pre/Corequisites*:	
Competencies:	1. Describe geometric tolerancing Rule 1 and Rule 2. 2. Define maximum and least material conditions relative to both internal and external features. 3. Define regardless of feature size and how it affects part tolerancing. 4. Apply datums to appropriate part features and define datum precedence. 5. Apply material condition symbols to features of varying shapes. 6. Apply form, position, location, orientation and run-out tolerances. 7. Explain virtual condition based on a part's given dimensions and tolerances. 8. Explain the function of primary, secondary and tertiary datum points.
MnTC goal areas:	None

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