

## MCDD2122 - Geometric Dimensioning and Tolerancing

Credits:	3 (2/1/0)
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:	<ul style="list-style-type: none"><li>• CADD1100</li><li>• MCDD1106</li></ul>
Corequisites:	
Pre/Corequisites*:	
Competencies:	<ol style="list-style-type: none"><li>1. Describe geometric tolerancing rules one and two.</li><li>2. Define maximum material condition.</li><li>3. Define least material condition.</li><li>4. Define regardless of feature size.</li><li>5. Apply datums.</li><li>6. Apply material condition symbols.</li><li>7. Apply form tolerances.</li><li>8. Apply position tolerances.</li><li>9. Apply location tolerances.</li><li>10. Apply orientation tolerances.</li><li>11. Apply run-out tolerances.</li><li>12. Explain virtual condition.</li><li>13. Explain primary, secondary and tertiary datum points.</li><li>14. Define datum precedence.</li></ol>
MnTC goal areas:	None

\*Can be taking as a Prerequisite or Corequisite.