

### Course Syllabus

<b>Course Code and Name</b>	<b>ME 26221 – Engineering Drawing</b>
<b>Credit and contact hours</b>	<b>3 (1, 0, 2) (Lecture, Tutorial, Lab)</b>
<b>Required or Elective</b>	<b>Required</b>
<b>Level / Year</b>	<b>Level (4) / Year (2)</b>
<b>Course Prerequisite</b>	-
<b>Textbook</b>	Simmons, C. and Maguire, D. "Manual of Engineering Drawing", 2nd ed., British and International Standards, last edition.
<b>Course Description</b>	This course teaches the basics of engineering drawing utilizing free hand sketching, and mechanical drawing. The fundamental principles of orthographic projection as well as the topics of dimensioning, sectional views, isometric and perspective pictorials views.
<b>Brief List of Topics to be Covered</b>	<ol style="list-style-type: none"><li>1. Introduction to Engineering Drawing</li><li>2. Basic Drafting and Lettering</li><li>3. Sketching and Line Techniques</li><li>4. Geometric Construction</li><li>5. Multi-view Drawings and orthographic projection</li><li>6. Isometrics, Sectional views</li><li>7. Auxiliary Views</li></ol>
<b>Course is prerequisite for</b>	-