



STARK STATE COLLEGE

GENERAL SYLLABUS

Course Information

Course Name: Engineering Drawing
Course Number: DET121

Required Materials

Textbook(s): Technical Drawing, 15th ed., Giesecke, et al
Required Readings: None
Additional Materials: Drawing equipment as described in class.

Course Outline/Calendar

The date of coverage and order of coverage may be modified based on the faculty member and events beyond the control of faculty members that interfere with class times and teaching.

Week	Chapter/Topic/Lab
1	Chapter 1- Introduction to Engineering Technologies, Drawing Languages, Drafting Standards, Modern Tools and Techniques in Drafting, CAD
2	Chapter 2-Basic Drawing Techniques, Linetypes, Lettering, Title Blocks
3	Chapter 3-Sketching-Isometric vs Orthographic, CAD Tools
4-5	Chapter 4-Geometric Constructions
	Chapter 5-Computer Aided Modeling Techniques, 2D vs 3D, Modern Drawing Packages
6-8	Chapter 6-7-Drawing Projections and Layout, Types of Drawings: Multi-View, Isometric, First Angle
9	Chapter 8-Sectioning
10	Chapter 9-Auxiliary Views
11-13	Chapter 11 & 12- Basic Dimensioning and Tolerancing
14-15	Comprehensive Drawings
16	Final Exam