



STARK STATE COLLEGE

GENERAL SYLLABUS

Course Information

Course Name: Mechanical Drawing and Layout

Course Number: PIP205

Required Materials

Textbook(s): Custom - Drawing Interpretation and Plan Reading Set

Required Readings:

Additional Materials:

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	Introduction to Mechanical Drawing Chapter 1 Read/Lecture
2	Drafting Standards and Drawing Interpretation Chapters 2-3 Read/Lecture
3	Orthographic Projection Fundamentals Chapters 1-3 Quiz – Chapter 4 Read/Lecture
4	Advanced Orthographic Layout Chapters 5-6 Read/Lecture
5	Dimensioning Practices Chapters 4-6 Quiz
6	Geometric Dimensioning and Tolerancing Chapter 7 Read/Lecture
7	Section Views Chapter 7 – Lecture
8	Mid-term Test Chapters 1-7
9	Introduction to Isometric Drawing Chapter 8
10	Isometric Drawing Development Chapter 8
11	Advanced Pictorial Drawings Chapter 9
12	Layout and Assembly Drawings Chapter 10 - Quiz
13	Blueprint Reading and Industry Applications – Chapter 11
14	Advanced Blueprint Reading and Industry Applications – Chapter 11
15	Final Project
16	Final Drawing Test