



STARK STATE COLLEGE

GENERAL SYLLABUS

Course Information

Course Name: Blueprint Reading
Course Number: MST121

Required Materials

Textbook(s): 1. Print Reading for Industry/11 Edition – Write in Text by Walter C. Brown and Ryan K Brown (ISBN -13: 978-1-63126-922-3), The Goodheart-Willcox Company, Inc 2. Print reading for Construction/Seventh Edition – Write in Text by Walter C. Brown and Daniel P. Dorfmueller (ISBN - 978-1-63126-922-6), The Goodheart-Willcox Company, Inc NOTE: Both texts contain a blueprint package which will be used in the class, homework, and exams.

Required Readings: None

Additional Materials: None

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.

16-Week Course Calendar

Week	Chapter/Topic/Lab
1	Unit 1 -Introductions, Prints: Language of Industry, Unit 2 - Line Convention and Lettering
2	Unit 3 - Title Blocks and Parts Lists
3	Unit 5 - Multi-view Drawings, Unit 6 - Section Views
4	Unit 8 - Screw Thread Representation & Exam #1 Review , Exam #1
5	Unit 9 – Dimensioning, Unit 10 - Tolerancing
6	Unit 11- Machining Specifications, Unit 12 - Surface Texture
7	Unit 15- Detail Drawings & Exam #2 Review
8	Exam #2, Unit 16 - Assembly Drawings
9	Unit 17 - Springs and Fasteners in Industrial Prints, Unit 18 - Gears, Splines, and Serrations
10	Unit 19 - Cam Diagrams and Prints, Units 20, 21 - Plastic Parts and Precision Sheet Metal
11	Unit 22 - Welding Prints, Unit 7 – Construction Materials & Exam#3 Review
12	Exam #3, Unit 8 - Site Plans
13	Unit 9 - Architectural Drawings, Unit 10 - Foundation Prints

Week	Chapter/Topic/Lab
14	Unit 11 - Structural Prints, Unit 12-Residential Framing Prints
15	Unit 12 - Residential Framing Prints, Unit 14-HHVAC Prints – Review for Final Exam
16	Final – Exam #4

8-Week Course Calendar

Week	Chapter/Topic/Lab
1	Unit 1, 2, 3, 4
2	Unit 5,6,7,8,9, Exam 1
3	Units 10, 11,12,13,14
4	Units 15,16,17,18, Exam 2
5	Units 19,20,21,22,23, Exam 3
6	Units 7,8,9,10,11
7	Units 12,13,14,15,16
8	Exam 4