



# STARK STATE COLLEGE

## GENERAL SYLLABUS

### Course Information

**Course Name:** Sheet Metal Layout & Fabrication  
**Course Number:** HVC125

### Required Materials

**Textbook(s):** Sheet Metal 2<sup>nd</sup> Edition by Leo A. Meyer; Today's 40 Most Frequently Used Fittings 6<sup>th</sup> Edition by Richard S. Budzik  
**Required Readings:** None  
**Additional Materials:** Drawing Kit

### 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	Units 1 & 2 Basics of Sheet Metal and Safety
2	Units 3 & 4 Measurement and Layout Lab projects
3	Unit 5 & 6 Hand Tools Hems, Edges and Seams
4	Exam 1 Lab Projects1
5	Unit 8 Fastening Sheetmetal Components Lab Project 2
6	Unit 9 Pattern Development Lab Projects
7	Unit 10 Materials
8	Unit 11 Metal Forming
9	Exam 2 (Units 7-11) Unit 13 Ductwork
10	Unit 14 CFM Measurement Lab Projects
11	Unit 15 Turbulation

<b>Week</b>	<b>Chapter/Topic/Lab</b>
	Lab Projects
12	Unit 16 Soldering Lab Projects
13	Exam 3 (Units 13-16) Unit 17 Riveting
14	Unit 18 Masking Lab Projects
15	Unit 19 Filtration Exam 4 (Units 17-19)
16	Comprehensive Exam