



STARK STATE COLLEGE

GENERAL SYLLABUS

Course Information

Course Name: Preparatory Gas Tungsten Arc Welding
Course Number: MST138

Required Materials

Textbook(s): Welding Principles and Applications Seventh Edition by Larry Jeffers ISBN-13: 978-1-111-03917-2
Required Readings: None
Additional Materials: STEEL-TOE BOOTS AND SAFETY GLASSES.

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	Lecture 1/4" Plate flat
2	Lecture 1/4" Plate flat
3	1/4 Plate Lap Joint , Butt Joint , Tee Joint Mild Steel Flat
4	1/4 Plate Lap Joint , Butt Joint , Tee Joint Mild Steel Flat
5	1/4 Plate Lap Joint , Butt Joint , Tee Joint Mild Steel Vertical UP
6	1/4 Plate Lap Joint , Butt Joint , Tee Joint Mild Steel Vertical UP
7	1/4 Plate Lap Joint , Butt Joint , Tee Joint Mild Steel Over Head
8	1/4 Plate Lap Joint , Butt Joint , Tee Joint Mild Steel Over Head
9	1/8 Plate Lap Joint , Butt Joint , Tee Joint Mild Steel Flat
10	1/8 Plate Lap Joint , Butt Joint , Tee Joint Mild Steel Vertical UP
11	1/8 Plate Lap Joint , Butt Joint , Tee Joint Mild Steel Vertical UP
12	1/8 Plate Lap Joint , Butt Joint , Tee Joint Mild Steel Over Head
13	1/8 Plate Lap Joint , Butt Joint , Tee Joint Mild Steel Over Head
14	1/4 & 1/8 Stainless steel
15	Final Project
16	Final Project

8-Week Course Calendar

Week	Chapter/Topic/Lab
1	Lecture 1/4" Plate flat
2	¼" Plate Lap Joint , Butt Joint , Tee Joint Mild Steel Flat
3	¼" Plate Lap Joint , Butt Joint , Tee Joint Mild Steel Vertical UP
4	¼" Plate Lap Joint , Butt Joint , Tee Joint Mild Steel Over Head
5	1/8" Plate Lap Joint , Butt Joint , Tee Joint Mild Steel Flat
6	1/8" Plate Lap Joint , Butt Joint , Tee Joint Mild Steel Vertical UP
7	1/8" Plate Lap Joint , Butt Joint , Tee Joint Mild Steel Over Head ¼" & 1/8" Stainless steel
8	Final Project