

Course Code: Dagr3350	Semester Offering: F2011	Credit Weight: 0.5
Course Title: Welding Fundamentals	Lecture and Lab Hours Lectures Lab: 13 @ 3 hrs.	
Instructor Name(s): Cory Walters		

Calendar Description: The 13 week course will cover the basics of safety in the shop and with the equipment. Students will learn basic skills to operate oxy-fuel cutting and layout as well as smaw and gtaw welding processes. Basics of Welding BY Jeff Gill will be used for pertinent information as well as internet .

Evaluation

Tests	20%
Laboratory	50%
Independent Assignments	10%
Final exam	20%
TOTAL	100%

Method of Presentation

Course Delivery: This course will be delivered in 13 3hr sessions in the lab

Course Objectives: Learn to be safe with the torches and confident with the welder and ones layout tools.
Study Basics of Welding Jeff Gill and learn and enjoy content

Weekly Course outline

DATE	Week	Lect/ Lab #	ACTIVITIES
Sept 14	1		Orientation shop tour safety talk tool talk - jg book
Sept 21	2		Oxyfuel-Ch1 book review
Sept 28	3		Oxyfuel Ch2 bookreview
Oct 5	4		Smaw intro basics beads Ch3 book review
Oct 12	5		Smaw more beads Ch4 book review
Oct 19	6		Joints with smaw Ch6 book

Oct 26	7		Joints with smaw practical project Ch7 book
Nov 2	8		Gtaw intro Ch8 book
Nov 9	9		Gtaw intro basic beads Ch9 book
Nov 16	10		Gtaw joints Ch 10 book
Nov 23	11		Joints with gtaw practical project Ch11 book
Nov 30	12		Testing Ch12 book
	13		Final Exam book exam
<u>Course Prerequisite(s):</u>			<u>Course Restriction(s):</u> None
<u>Text Book(s) Required:</u> Basics of welding Jeff Gill			<u>Reference Material:</u> Provided by instructor / available in library / on-line
<u>Additional Course Requirements:</u> Safety shoes with toe protection and safety glasses are required to be worn during all Labs.			
<u>Additional Information: hearing protection</u>			