



## MASTER COURSE OUTLINE

Prepared By: Shawn McDaniel

Date: August 2013

## COURSE TITLE

Production Welding I

## GENERAL COURSE INFORMATION

Dept.: WLD

Course Num: 262

(Formerly:)

CIP Code: 48.0508

Intent Code: 21

Program Code: 814

Credits: 3

Total Contact Hrs Per Qtr.: 66

Lecture Hrs:

Lab Hrs:66

Other Hrs:

Distribution Designation:

## COURSE DESCRIPTION (as it will appear in the catalog)

This course focuses on student learning of common production welding used within a shop setting.

## PREREQUISITES

WLD 212 or Instructor Permission

## TEXTBOOK GUIDELINES

Text and materials as decided by welding faculty. (Example: *Modern Welding Technology* by Howard Cary)

## COURSE LEARNING OUTCOMES

*Upon successful completion of the course, students should be able to demonstrate the following knowledge or skills.*

1. The student will be a proficient welder in shop or production weldments within a production setting.

## INSTITUTIONAL OUTCOMES

## COURSE CONTENT OUTLINE

At the completion of the course, the student will have the skills to perform the following:

- weld a variety of projects to industry tolerances
- apply a variety of welding processes on projects
- weld production type weldments to conform with applicable job standards
- weld projects to industry standards
- utilize multiple welding process

## DEPARTMENTAL GUIDELINES (optional)

Grades will be calculated as follows:

50% Based on completing all course competencies.

50% Based on Lab Participation, Cleanup on a daily basis, and following ALL Safety rules.

The grade awarded for the class is as follows:

95-100 4.0

94 3.9

93 3.8

92 3.7

91	3.6	83	2.8	75	2.0	67	1.2
90	3.5	82	2.7	74	1.9	66	1.1
89	3.4	81	5.6	73	1.8	65	1.0
88	3.3	80	2.5	72	1.7	60-64	0.7
87	3.2	79	2.4	71	1.6	0-59	0
86	3.1	78	2.3	70	1.5		
85	3.0	77	2.2	69	1.4		
84	2.9	76	2.1	68	1.3		

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**DIVISION CHAIR APPROVAL**

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**DATE**