MASTER COURSE OUTLINE
Prepared By: Shawn McDaniel Date: November 2005

COURSE TITLE
Production Weld Process I

GENERAL COURSE INFORMATION

Dept.: WLD	Course Num: 261	(Formerly:)
CIP Code: 48.0508	Intent Code: 21	Program Code: 814
Credits: 6		
Total Contact Hrs Per Qtr.: 132		
Lecture Hrs:	Lab Hrs:132	Other Hrs:
Distribution Designation:		

COURSE DESCRIPTION (as it will appear in the catalog)
An introductory course focusing on student learning of production welding techniques by applying the Gas Metal Arc, Flux Cored Arc, and Gas Tungsten Arc Welding processes.

PREREQUISITES
WLD 131 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. Students will become familiar with techniques used in the welding of small parts directly from shop drawings.
    a. Produce accurate weldments from shop drawings
    b. Prepare materials needed to complete competencies
    c. Weld according to drawings
    d. Assess acceptability of parts produced to industry standards

INSTITUTIONAL OUTCOMES

COURSE CONTENT OUTLINE
Using weld process called out in the drawings:

- Prepare components as directed in work instructions
- Weld small scale parts in accordance with drawings
- Inspect for acceptability

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	86	3.1	77	2.2	68	1.3
94	3.9	85	3.0	76	2.1	67	1.2
93	3.8	84	2.9	75	2.0	66	1.1
92	3.7	83	2.8	74	1.9	65	1.0
91	3.6	82	2.7	73	1.8	60-64	0.7
90	3.5	81	5.6	72	1.7	0-59	0
89	3.4	80	2.5	71	1.6		
88	3.3	79	2.4	70	1.5		
87	3.2	78	2.3	69	1.4		

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DIVISION CHAIR APPROVAL **DATE**