

**MAYLAND COMMUNITY COLLEGE
Welcomes You To:**

**WLD 116
SMAW (Stick) Plate/Pipe
Credit: 4 hours Contact: 9 hours**

TERM: Spring 2006

Course Description

This course is designed to enhance skills with the shielded metal arc (stick) welding processes. Emphasis is placed on advancing manipulative skills with SMAW electrodes on varying joint geometry. Upon completion, students should be able to perform groove welds on carbon steel with prescribed electrodes in the flat, horizontal, vertical, and overhead positions.

Prerequisites: WLD 115

Corequisites: none

Instructor Information

Instructor: Paul Dover

Office Location: Welding shop

Telephone Number: 828-765-7351 ext 303 828-765-1071

E-mail Address: pddover@mayland.edu

Office Hours: TW 6-9:50 pm TH 6-8:50

Course Information

Time and Location: Welding shop time to be announced

Required Text(s): Industrial Welding-Level 2

Wheels of Learning

Welding Principles and Applications

Required supplies: 100% cotton clothing, long sleeve shirt, leather boots

Course Objectives/Competencies:

1. Demonstrate padding fillet and groove welds in various positions on carbon plate, utilizing and prescribed electrodes.
2. Demonstrate advanced skills with prescribed electrodes in flat, horizontal, vertical, and overhead positions, on varying joint geometry.

Attendance Policy/Tardiness/Make-Up Work: Attendance is an important part of you grade. If you are not here you cannot learn. Attendance is expected.

Grading Criteria/Tests/Projects:

The instructor on a satisfactory or unsatisfactory basis will evaluate each shop exercise. The completed welding exercises will be graded to get 50% of the total grade for the course. Written test scores will be averaged to get 25% of the total grade.

Grading Scale:

A = 93-100

B = 92-86

C = 85-78

D = 70-77

F = below 69

Inclement Weather Procedures: Listen for information about school closing or cancellations on the television or radio.

Academic Standards/Student Expectations/Ethics:

1. To be in attendance and on time for each class.
2. To complete shop exercises within allotted time.
3. To pass written and shop tests.

Withdrawal Dates:**Spring 2006**

End of unconditional withdrawal Monday February 13, 2006

End of conditional withdrawal Monday March 27, 2006

The following Administrative Withdrawal statement: If a student has not been in contact with the instructor and has not attended class for a consecutive two-week period, an administrative withdrawal will be submitted by the instructor.

The following ADA statement: Any student requesting special accommodations for this course due to a disability should apply for services through the SOAR Office or the Counseling Center, which will document the disability. A counselor will then help determine which accommodations, if any, the student needs for success in this course.

Course Outline Topics

Live work projects
Classroom Work