

**MAYLAND COMMUNITY COLLEGE**  
**Welcomes You To:**

**WLD 115.20**  
**SMAW (Stick) Plate**  
**Credit: 5 hours Contact: 9 hours**

**TERM: Spring 2007**

**Course Description**

This course introduces the shielded metal arc (stick) welding process. Emphasis is placed on padding fillet and groove welds and various positions with SMAW electrodes. Upon completion students should be able to perform SMAW fillet and groove welds on carbon plate with prescribed electrodes.

**Prerequisites:** none

**Corequisites:** none

**Instructor Information**

**Instructor:** Paul Dover

**Office Location:** Welding shop

**Telephone Number:** 828-765-7351 ext 303 or 828-765-1071 (home)

**E-mail Address:** [pddover@mayland.edu](mailto:pddover@mayland.edu)

**Office Hours:** available upon request

**Course Information**

**Time and Location:** Welding shop TW 6-9:50 and TH 6-8:50

**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 2007**

End of Unconditional Withdrawal Tuesday, February 13, 2007

End of Conditional Withdrawal Tuesday, March 27, 2007

**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