

**MAYLAND COMMUNITY COLLEGE
Welcomes You To:**

**Welding 261
Credit Hours: 2 Contact Hours: 4**

TERM: Spring 2006

Course Description

This course covers certification requirements for industrial welding processes. Topics include techniques and certifications requirements for prequalified joint geometry. Upon completion students should be able to perform welds on carbon steel plate and/or pipe according to application codes.

Prerequisites: WLD 115 WLD 121 WLD 131

Corequisites: none

Instructor Information

Instructor: Paul Dover

Office Location: Welding Shop

Telephone Number: 765-7351 ext. 303 (Mayland) 765-1071 (home)

Email Address: pddover@mayland.edu

Office Hours: 6-9:50 pm

Course Information

Required Text(s): Industrial Welding-Level 3,
Wheels of Learning, Welding Principles and Applications

Required supplies: 100% cotton clothing and leather shoes

Course Objectives/Competencies:

1. Learn the required techniques and joint geometry for welding
2. Learn the ability to weld carbon steel plate and/or pipe to meet application codes

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:

1. Each shop exercise will be evaluated by the instructor on a satisfactory or unsatisfactory basis. The completed welding exercises will be graded to get 50% of the total grade for the course.
2. Written test scores will be averaged to get 25% of total grade.
3. Attendance is very important. Lecture/demonstrations, shop exercises, and reading lessons are planned so that most of the time in the quarter is needed to complete them. These meetings will make up 25% of the total grade

Grading Scale:

- A** = 93-100
- B** = 85-92
- C** = 77-84
- 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:

- To be in attendance and on time for each class.
- To complete shop exercises within allotted time.
- To pass both written and shop tests.

Withdrawal Dates:

- 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/Weekly Topics

- Live work projects
- Classroom Work