

MAYLAND COMMUNITY COLLEGE
Welcomes You To:
Independent Study
WLD 110.75
Cutting Processes
Contact Hours: 4 Credit Hours: 2

Term: Spring 2007

Course Description

This course introduces oxy-fuel and plasma-arc cutting systems. Topics include safety, proper equipment setup, and operation of oxy-fuel and plasma arc cutting equipment with emphasis on straight line, curve and bevel cutting. Upon completion, students should be able to set up welding and oxy-fuel and plasma-arc cut metals of varying thickness.

Prerequisites: None **Corequisites:** None

Instructor Information

Instructor: Paul Dover
Office Location: Welding Shop
Telephone Number: 765-7351 ext. 303 (Mayland)
Email Address: pddover@mayland.edu
Office Hours: available upon request

Course Information

Time & location: welding shop

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

Required Supplies: 100% cotton clothing, leather shoes

Course Objectives/Competencies:

Oxyfuel and Plasma Arc Cutting Systems

1. Demonstrate proper safety process
2. Demonstrate equipment setup and applications
3. Demonstrate entry level welding skills

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:**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