

**MAYLAND COMMUNITY COLLEGE  
Welcomes You To:**

**WLD 131.75  
Independent Study  
GTAW (Tig) Plate  
4 Credit Hours and 7 Contact Hours**

**TERM : Fall 2007**

**Course Description**

This course introduces the gas tungsten arc (TIG) welding process. Topics include current selection of tungsten, polarity, gas, and proper filler rod with emphasis placed on safety, equipment setup, and welding techniques. Upon completion, students should be able to perform GTAW fillet and groove welds with various electrodes and filler materials.

**Prerequisites:** none

**Corequisites:** none

**Instructor Information**

**Instructor:** Paul Dover

**Office Location:** welding shop

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

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

**Office Hours:** available upon request

**Course Information**

**Time and Location:** Welding shop

**Required Text(s):** Industrial Welding-Level 2

Wheels of Learning

Welding Principles and Applications

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

**Course Objectives/Competencies:**

1. Demonstrate the ability to perform correct selection of tungsten, polarity, gas and proper fillet rods.
2. Demonstrate safety practices, proper equipment setup and welding techniques.

**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:****Fall 2007**

End of Unconditional Withdrawal

Tuesday, September 25, 2007

End of Conditional Withdrawal

Thursday, November 1, 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