

**MAYLAND COMMUNITY COLLEGE  
Welcomes You To:**

**Welding 110 Section 40  
Cutting Processes  
2 Credit Hours and 2 contact Hours**

**FALL 2005**

**COURSE DESCRIPTION**

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

**Prerequisites:** None

**Corequisites:** None

**Instructor Information**

<b>Instructor:</b>	<b>Brian Greene</b>
<b>Office Location</b>	<b>Avery Campus</b>
<b>Telephone Number:</b>	<b>733-5883</b>
<b>Email Address:</b>	<b>n/a</b>
<b>Office Hours:</b>	<b>n/a</b>

**Course Information**

**Course schedule:** Monday through Friday.

**Required Text:** To be issued

**Required Supplies:** None / Personal welding shields can be used if desired

**Course Objectives / Competencies:**

1. Learning the set-up and shut-down of the oxy-fuel and plasma arc cutting systems for various applications
2. Develop the different necessary skills to cut with oxy-fuel and plasma arc systems.
3. Trouble-shooting out of equipment and process difficulties
4. Safety measures while using the oxy-fuel and plasma arc cutting systems

**Attendance Policy / Tardiness / Make-up Work:**

You are expected to attend all class sessions. However, it is understood that in the case of an emergency absences may be necessary. The student is responsible for any missed

work and is expected to be prepared for the next class session. Any student missing more than 6 days will fail the course, unless the excessive days are made up.

**Grading Criteria / Tests / Projects:**

1. Demonstrating growth within your process skills ability.
2. Demonstrating your ability to troubleshoot away from difficulties
3. Showing a determined effort to learn with skills practice
4. Final written exam

**Grading scale:**

<b>PROCESS</b>	<b>TROUBLESHOOTING</b>	<b>EFFORT</b>	
A = 93-100	Exceptional	Easily	100%
B = 85-92	Sound	Good	90%
C = 77-84	Acceptable	Satisfactory	80 %
D = 70-76	Poor	Struggles	70%
F = 69	Unacceptable	Cannot	Below 70%

**Inclement Weather Procedures:**

Please go onto MCC's web page and review the inclement weather procedures. - High school programs are subject to the schools inclement weather policy.

**Academic Standards / Student Expectations / Ethics:**

It is unethical to use or present any other person's work as your own. This includes paraphrasing and / or directly copying from other student's work. Any person found to be cheating might be subject to one or more of the following actions:

1. No credit for a test or assignment during which cheating took place.
2. Permanent removal from the class.

The right due process will never be denied, and any student who feels that he / she has been wrongly accused may appeal the decision. The proper grievance procedure may be obtained from the Student Services Office