

**MAYLAND COMMUNITY COLLEGE
Welcomes You To:**

**AUB 134.10 & AUB 134.30,40,50
Auto Body MIG Welding
Credit Hours: 3 Contact Hours: 5**

FALL 2007

Course Description

This course covers the terms and procedures for welding the various metals found in today's auto body repair industry with an emphasis on personal/environmental safety. Topics include safety and precautionary measures, set-up/operations of MIG equipment, metal identification methods, types of welds/joints, techniques, inspection methods and other related topics. Upon completion students should be able to demonstrate a basic knowledge of welding operations and safety procedures according to industry standards.

Prerequisites: None

Corequisites: None

Instructor Information

Instructor:	James M. Buchanan
Office Location:	Auto Body Shop
Telephone Number:	(828) 765-7351
E-mail Address:	jbuchanan@mayland.cc.nc.us
Office Hours:	M-F: 7:30-8:00am M: 11:30am-12:00pm

Course Information

Class Details:

1. Meeting times: In accordance with schedule
AUB 134.10- Monday: 8:00-11:20am
Tuesday: 8:00-9:20am
AUB 134.30, 40, 50 – Tuesday & Wednesday: 12:00-2:20pm
2. Class location: Auto Body Shop

Required Text(s):

1. *Motor Auto Body Repair* (Delmar Publishers, Inc.)
2. *I-Car Professional Automotive Collision Repair* (Delmar)

References:

1. *I-Car Advance Tech*

Course Objectives/Competencies:

1. To introduce students to welding various types of metal used in today's cars.
2. To teach students various welding techniques.
3. To introduce students to all safety procedures used in Auto Body welding.
4. To give students practical experience in welding various types of metal.

Course Content:

1. Using practice materials for demonstrations and hands-on application.
2. Using text and literature that applies
3. Expose students to techniques

Attendance Policy/Tardiness/Make-Up Work:

1. Students are expected to be present and on time for all scheduled classes. 25% of your grade will be from attendance records.
2. Excessive tardiness and days absent will affect the 25% attendance grade.
3. Make-up work will be done on individual basis with instructor.

Grading Criteria/Tests/Projects:

Grades are earned from these areas:

- | | |
|------------------------------------------|-----|
| 1. Live projects and shop participation: | 50% |
| 2. Attendance: | 25% |
| 3. Classroom work: | 25% |

Grading Scale:

A = 100-92
B = 91-84
C = 83-76
D = 75-70
F = Below 70

Inclement Weather Procedures:

In case of inclement weather, students are reminded to use good judgment when making travel decisions. The student's responsibility will be to call the instructor if not able to make it to class.

Academic Standards/Student Expectations/Ethics:

1. Regular class attendance
2. Participation in shop projects
3. Complete all practice shop assignments
4. Work safely in shop area
5. Pass tests and shop projects

Withdrawal Dates:

Fall 2007

End of Unconditional Withdrawal	Tuesday, September 25, 2007
End of Conditional Withdrawal	Thursday, November 01, 2007

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