

**MAYLAND COMMUNITY COLLEGE
Welcomes You To:**

**AUB 136.10
Plastics and Adhesives
Credit Hours: 3 Contact Hours: 5**

FALL 2007

Course Description

This course covers safety, plastics and adhesive identification, and the various repair methods of automotive plastic components. Topics include safety, identification, preparation, material selection, and the various repair procedures including refinishing. Upon completion, students should be able to identify, remove, repair, and/or replace automotive plastic components in accordance with 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

Course Content:

1. Class participation and assignments
2. Expose students to proper techniques
3. Demonstrate proper tools used in process
4. Cover all safety procedures
5. Use live projects for hands-on repairs

Class Details:

1. Meeting times: In accordance with schedule
Friday: 9:30-11:20am & 12:00-2:50pm
2. Class location: Auto Body Shop

Required Text(s):

1. *Motor Auto Body Repair* (Delmar Publishers, Inc.)
2. Manufacturer's Manuals

References:

1. *Auto Body Repair News*
2. *Body Shop Business*
3. Various magazines in Auto Body Repair trade.

LRC Resources: None

Required supplies: None

Course Objectives/Competencies:

1. To teach students all aspects of safety when working with plastics and adhesives.
2. To introduce the students to the various methods of plastic repair.
3. To introduce students to various products used in plastic repair today.
4. To teach students proper techniques in painting and refinishing plastics.

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 project 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. Participation in class work
4. Work safely in shop area
5. Pass test from text 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