

## **NOVA COLLEGE-WIDE COURSE CONTENT SUMMARY AUB 116 - AUTO BODY REPAIR (4 CR.)**

### **Course Description**

Teaches collision straightening procedures and use of equipment, planning repair procedures, disassembly techniques, body fastening systems, panel repair, and alignment. Lecture 3 hours. Laboratory 3 hours. Total 6 hours per week.

### **General Course Purpose**

This course is a one-semester course designed to orient the student in the field of Auto Body repair and to understand proper procedures used in the Automotive repair field to perform different Auto Body repairs. This is a basic Auto Body repair course to orient the student on different Auto Body repair procedures.

### **Course Prerequisites/Corequisites**

Prerequisite or Corequisite: AUB 125 and AUB 127.

### **Course Objectives**

Upon completion of this course, the student will be able to:

- be oriented with collision repair equipment and materials used in the collision repair field today
- demonstrate proper techniques and safety in the use of repair equipment
- analyze collision damage and form a repair plan
- show personal and shop safety precaution while performing frame repairs
- understand estimates and terminology used in collision repair

### **Major Topics to be Included**

- a. understand and demonstrate personal and shop safety procedures during unibody and full frame repairs
- b. disassembly techniques and fastening systems
- c. estimates and work sheets
- d. interior trim removal and safety restraint systems
- e. learning of body structure for strength in unibody and full frame vehicles
- f. adjusting panels after repairs such as fenders, doors, etc.
- g. measuring techniques used in collision repair, both manual and electronic