

## **NOVA COLLEGE-WIDE COURSE CONTENT SUMMARY AUB 119 - AUTOMOTIVE PAINTING (4 CR.)**

### **Course Description**

Teaches theory and application of painting and the use of painting equipment. Also discusses application of materials, paints, thinners, primers, rubbing compounds, and cleaners. Lecture 3 hours. Laboratory 3 hours. Total 6 hours per week.

### **General Course Purpose**

The student will be taught how to use and care for the spray gun and the other equipment used by the refinishing industry. The student will learn about the newest procedures and paint materials in use today. Problems, causes, and corrections are covered in detail.

### **Course Prerequisites/Corequisites**

Prerequisite or Corequisite: AUB 127.

### **Course Objectives**

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

- understand and demonstrate personal and shop safety procedures
- identify spray painting equipment
- identify basic techniques of good spray painting
- determine when and how to make spot repairs
- explain the operation of spray booths

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

- a. preparation for top coat spray painting
- b. safety in the handling and use of paint products
- c. paint products and mixing ratios
- d. undercoats, thinners, and reducers
- e. application of single stage paints, base coats and clear coats
- f. contents of paint and types of paint finishes
- g. color matching and blending
- h. rectifying paint defects