

**NOVA COLLEGE-WIDE COURSE CONTENT SUMMARY
AUB 118 - AUTOMOTIVE PAINT PREPARATION (4 CR.)**

Course Description

Teaches auto body preparation for painting, using the materials, processes, and equipment required to prepare metal and old finishes for painting. Includes sanding, cleaning, solvents, special materials, fillers, and primers. Lecture 3 hours. Laboratory 3 hours. Total 6 hours per week.

General Course Purpose

This course is designed to advance the individual to job qualified specialist. This curriculum is designed to qualify the individual for gainful employment in the automotive painting field.

Course Prerequisites/Co-Requisites

Ability to read, write, and speak the English language. AUT 100 is necessary and recommended before other collision repair classes are attempted.

Course Objectives

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

- understand and exhibit shop and personal safety procedures in the paint shop
- determine surface conditions
- know the proper procedure for sanding surfaces
- understand abrasive types including grit numbering system
- understand MSDS and refinish procedures

Major Topics to be Included

- a. use of solvents, environmental issues and hazardous waste disposal
- b. personal safety equipment use and maintenance
- c. understanding spray equipment
- d. primers, different types, their use and application
- e. surface preparation
- f. masking and taping for refinishing
- g. feathered edging
- h. block sanding
- i. booth operation and maintenance
- j. wet sanding
- k. buffing and polishing