

**NOVA COLLEGE-WIDE COURSE CONTENT SUMMARY  
AUB 106 - BASIC SHEET METAL OPERATIONS (4 CR.)**

**Course Description**

Teaches the use of metal straightening tools, basic straightening operations, shrinking, filling, sheet metal damage, and repair procedures. Lecture 3 hours. Laboratory 3 hours. Total 6 hour per week.

**General Course Purpose**

This course is a one-semester course designed to teach the student procedures for straightening sheet metal and the use of appropriate tools for a particular repair process. Laboratory will offer practical experience in basic sheet metal straightening procedures.

**Course Prerequisites/Corequisites**

Prerequisite or Corequisite: AUB 127.

**Course Objectives**

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

- Understand basic procedures for straightening sheet metal
- Identify and use the appropriate tools required for a basic sheet metal repair operation including disassembly
- Explain and plan a basic sheet metal straightening operation
- Understand and exhibit personal and shop safety practices
- Understand and exhibit body panel alignment procedures
- Disassemble, overhaul (rebuild) and repair bumper assemblies, front and rear
- Properly apply, shape, sand and grind body filler
- Disassemble door, hoods decklids, exterior lighting for repair or replacement.

**Major Topics to be Included**

- Disassembly procedures
- Sheet metal straightening procedures
- Sheet metal hand tools
- Composite (plastic) repair procedures
- Body fillers