COURSE OUTLINE
Revision: S. Ford - February 2012

DEPARTMENT: Automotive Technology
CURRICULUM: Auto Body Collision Repair
COURSE TITLE: Metal Straightening
COURSE NUMBER: ABR 123
TYPE OF COURSE: Vocational Preparatory
COURSE LENGTH: 3 weeks
CREDIT HOURS: 4
LECTURE HOURS: 15
LAB HOURS: 60
CLASS SIZE: 20
PREREQUISITES: ABR 111 (Introduction to Automotive Collision Technology), ABR 112 (Safety and Environmental Practices) and ABR 113 (Welding and Cutting), or instructors permission

COURSE DESCRIPTION:
This module instructs the student in the basic fundamentals of metal straightening and proper selection of metal straightening tools. Instruction in safety, environmental awareness, human relations and work ethics are taught as an integral part of this course of study.
ABR 123 Metal Straightening

STUDENT LEARNING OUTCOMES ADDRESSED:

1. Technology - Use appropriate technological tools to perform the metal repair process.
2. Critical Thinking and Problem Solving - Think critically in evaluating information and solving problems.
3. Human Relation - Use social interactive skills to work in groups effectively.

GENERAL COURSE OBJECTIVES:

At the end of the course the student will:

1. Identify metal straightening tools.
2. Demonstrate proper use of metal straightening tools.
3. Know how to use air tools during the panel repair process.
4. Demonstrate proper maintenance of metal straightening tools.

TOPICAL OUTLINE:                                   APPROX. HOURS

I. Identification of metal straightening tools       15
II. How to select and proper usage of tools for      45
     various types of small metal damage repair
III. Learn metal shrinking techniques                15

                  Total                                   75

REVISED BY: Steve Ford
DATE: February 2012