

____SOUTH SEATTLE COMMUNITY COLLEGE_____

Technical Education Division

COURSE OUTLINE

Revision: S. Ford February 2012

DEPARTMENT:	Automotive Technology
CURRICULUM:	Auto Body Collision Repair
COURSE TITLE:	Introduction to Automotive Collision Technology
COURSE NUMBER:	ABR 111
TYPE OF COURSE:	Vocational Preparatory
COURSE LENGTH:	3 weeks
CREDIT HOURS:	5
LECTURE HOURS:	45
LAB HOURS:	30
CLASS SIZE:	20
PREREQUISITES:	None

COURSE DESCRIPTION:

This module instructs the student in the related skills to become a good body shop employee, typical movement of a vehicle through a body shop, and basic procedures for repairing a collision damaged vehicle. The identification and use of general purpose hand tools and power tools used in a body shop will also be covered. Instruction in safety, environmental awareness, human relations and work ethics are taught as an integral part of this course of study.

STUDENT LEARNING OUTCOMES ADDRESSED:

1. Personal Responsibility - Manage personal health and safety when working with hand and power tools.
2. Technology - Select and use the appropriate tools for repair.

ABR 111 Introduction to Automotive Collision Technology

GENERAL COURSE OBJECTIVES:

At the end of the course the student will:

1. List the related skills need to become a good body shop employee.
2. Describe basic procedures for repairing a collision damaged vehicle.
3. Identify general purpose hand tools.
4. Explain the use of body shop hand tools.
5. List typical safety rules for hand tools.
6. Maintain and store tool properly.
7. Identify power tools found in a body shop
8. Describe how to use body repair equipment
9. Summarize how to safely use power tools.
10. Select the right power tool or piece of equipment for the job.

TOPICAL OUTLINE:	APPROX. HOURS
I. Skills needed to be a good body shop employee	5
II. Movement of a vehicle through a body shop	5
III. Basic procedures for repairing a collision damaged vehicle	10
IV. Identify general purpose hand tools	5
V. Explain the use of and identity of the most important body shop hand tools.	10
VI. Maintain and store tools properly	10
VII. Identify power tools used in a body shop	10
VIII. Summarize how to safely use power tools	5
IX. Explain safety precautions for using shop equipment	5
X. Select the right power tool or piece of equipment for the job	10
Total	<u>75</u>

REVISED BY: Steve Ford
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