

\_\_\_\_\_ SOUTH SEATTLE COMMUNITY COLLEGE \_\_\_\_\_

Technical Education Division

### COURSE OUTLINE

Revision: S. Ford February 2012

DEPARTMENT: Automotive Technology

CURRICULUM: Auto Body Collision Repair

COURSE TITLE: Understanding Automotive Finishes

COURSE NUMBER: ABR 131

TYPE OF COURSE: Vocational Preparatory

COURSE LENGTH: 1 week

CREDIT HOURS: 2

LECTURE HOURS: 20

LAB HOURS: 5

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 to student how to identify the differences between a variety of automotive finish systems, including dry time, chemical make-up and plant and body shop application. Instruction in safety, environmental awareness, human relations and work ethics are taught as an integral part of this course of study.

## ABR 131 Understanding Automotive Finishes

### STUDENT LEARNING OUTCOMES ADDRESSED:

1. Critical Thinking and Problem Solving - Think critically in evaluating information to determine different types of finishes used in auto finishing systems.
2. Personal Responsibility - Be aware of environmental issues and personal safety working with automotive finishes.
3. Information Literacy - Access and evaluate information from a variety of sources.

### GENERAL COURSE OBJECTIVES:

At the end of the course the student will:

1. Identify and distinguish between finish systems.
2. Select and understand the use of repair finish systems and parts

### TOPICAL OUTLINE:

### APPROX. HOURS

I.	Different types of undercoatings	5
II.	Chemical make-up of paint	6
III.	Different types of paint	6
IV.	Different paints and primers used for each system	6
V.	Paint systems applied by the manufacture	<u>2</u>
	Total	<u>25</u>

REVISED BY: Steve Ford  
DATE: February 2012