

_____ SOUTH SEATTLE COMMUNITY COLLEGE _____

Technical Education Division

COURSE OUTLINE

Revision: S. Ford February 2012

DEPARTMENT: Automotive Technology

CURRICULUM: Auto Body Collision Repair

COURSE TITLE: Body Fillers

COURSE NUMBER: ABR 124

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 correct mixing and application of body fillers, that will increase the quality of the repair. Instruction in safety, environmental awareness, human relations and work ethics are taught as an integral part of this course of study.

ABR 124 Body Fillers

STUDENT LEARNING OUTCOMES ADDRESSED:

1. Critical Thinking and Problem Solving - Think critically in evaluating information, solving problems and making decisions.
2. Personal Responsibility - The student will learn to take pride in their work using body fillers.
3. Technology - Selection and use of appropriate body fillers, tools, and methods to achieve a quality repair.

GENERAL COURSE OBJECTIVES:

At the end of the course the student will:

1. Use correct mixing ratios for filler and hardener.
2. Understand proper mixing technique to eliminate air pockets.
3. Understand the problems that occur from improper mixing or application
4. Use the proper techniques for applying filler.

TOPICAL OUTLINE:

APPROX. HOURS

I. Select and understand how to use filler materials and tools	10
II. Prepare surface for body filler	10
III. Prepare and apply body filler	15
IV. Prepare and apply specialty fillers	15
V. Finish body fillers	<u>25</u>
Total	75

REVISED BY: Steve Ford
DATE: February 2012