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

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<th>APPROX. HOURS</th>
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<tbody>
<tr>
<td>I.</td>
<td>Select and understand how to use filler materials and tools</td>
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<td>II.</td>
<td>Prepare surface for body filler</td>
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<td>III.</td>
<td>Prepare and apply body filler</td>
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<td>IV.</td>
<td>Prepare and apply specialty fillers</td>
<td>15</td>
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<td>V.</td>
<td>Finish body fillers</td>
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<td>Total</td>
<td>75</td>
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REVISED BY: Steve Ford
DATE: February 2012