DEPT. Transportation Division Auto Body                        COURSE NUMBER: TRAB 1215

NUMBER OF CREDITS: 5

COURSE TITLE: General Body Lab

CATALOG DESCRIPTION: This course covers goals and objectives learned in prior courses, but in a lab setting.

AUDIENCE: Auto Body Repair students and anyone else interested in the repair and refinishing of modern, classic, street rods, and custom automobiles.

FULFILLS MN TRANSFER CURRICULUM AREA(S) *(Leave blank if not applicable)*
Area: by meeting the following competencies:
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PREREQUISITES OR NECESSARY ENTRY SKILLS/KNOWLEDGE: 1200, 1205, 1210, 1220, 1225

LENGTH OF COURSE: 1 semester

THIS COURSE IS USUALLY OFFERED:
Every other year □ fall □ spring □ summer □ undetermined □

Four goals are emphasized in course at Minnesota West Community & Technical College:

1) ACADEMIC CONTENT: The academic objectives of this course are:
   The student will achieve the first level of knowledge and skill needed in the Auto Body repair field.

2) THINKING SKILLS: This course will help students improve the effectiveness of their thinking skills through:
   The student will accurately perform skills required with an understanding of repair procedures in Auto Body repair.

3) COMMUNICATIONS SKILLS: This course will help students improve their oral and written communication skills through:
   The student will demonstrate appropriate communication techniques in performing skills in the lab by communicating with customers and instructors.
4) HUMAN DIVERSITY: This course will help students recognize, understand, and appreciate human diversity through:
   The student will gain self-awareness regarding their feelings towards people of different cultures, educational backgrounds, value systems, and socioeconomic status.

TOPICS TO BE COVERED: Basic procedures of automatic refinishing, tools, equipment, and materials necessary for refinishing. Learn what color is, how to mix color, and how to apply color.

LIST OF EXPECTED COURSE OUTCOMES:

Welding:
1. Identify different types of metal
2. Identify different types of welders
3. Identify welding techniques
4. Perform different types of welds
5. Identify different types of adhesives
6. Use different types of adhesives

Sheet Metal:
1. Identify sheet metal safety
2. Perform sheet metal safety
3. Identify different types of sheet metal
4. Identify different types of dents
5. Perform dent removal
6. Identify affects of heat on various metals
7. Perform dent removal using heat

Plastic & Fiberglass Repair:
1. Identify different types of sub-straights
2. Identify different types of fillers
3. Identify mixing and application procedures
4. Perform mixing and application procedures
5. Identify sanding procedures
6. Perform Sanding procedures

LEARNING/TEACHING TECHNIQUES used in the course are:
☐ Collaborative Learning ☑ Problem Solving
☐ Student Presentations ☐ Interactive Lectures
☐ Creative Projects ☐ Individual Coaching
☐ Lecture ☐ Films/Videos/Slides
☐ Demonstrations ☐ Other (describe below)
☑ Lab

ASSIGNMENTS AND ASSESSMENTS FOR THIS CLASS INCLUDE:
☐ x Reading ☐ Tests ☑ Individual Projects
☐ Oral Presentations ☐ Worksheets ☑ Collaborative Projects
☐ Textbook Problems ☐ Papers ☑ Portfolio
☐ Group Problems ☐ Term Paper
☐ Other (describe below)
EXPECTED STUDENT LEARNING OUTCOMES:

The information in this course outline is subject to revision

Veteran Services: Minnesota West is dedicated to assisting veterans and eligible family members in achieving their educational goals efficiently. Active duty and reserve/guard military members should advise their instructor of all regularly scheduled military appointments and duties that conflict with scheduled course requirements. Instructors will make every effort to work with the student to identify adjusted timelines. If you are a veteran, please contact the Minnesota West Veterans Service Office.

To receive reasonable accommodations for a documented disability, please contact the campus Student Services Advisor or campus Disability Coordinator as arrangements must be made in advance. In addition, students are encouraged to notify their instructor.

This document is available in alternative formats to individuals with disabilities by contacting the Student Services Advisor or by calling 800-658-2330 or via your preferred Telecommunications Relay Service.

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