COURSE TITLE: Advanced Metal Parts Fabrication

CATALOG DESCRIPTION: This course covers sheet metal parts fabrication in steel and aluminum using bucks and forms to produce parts that may be used in the customizing of a vehicle.

AUDIENCE: This course is required for those seeking an Auto Body, Rod and Custom Certificate or an Auto Body, Rod and Custom Diploma.

PREREQUISITES OR NECESSARY ENTRY SKILLS/KNOWLEDGE: Auto Body Restoration Certificate or Instructor’s approval

COURSE LENGTH: 1-2 CREDITS 0 LECTURE HOUR & 2-4 LAB HOURS PER WEEK

THIS COURSE IS USUALLY OFFERED: FALL SEMESTER

Four Goals are emphasized in courses at Minnesota West Community & Technical College:

1) Academic Content
2) Thinking Skills
3) Communication Skills
4) Human Diversity

TOPICS TO BE COVERED: The fabrication of steel and aluminum parts utilizing bucks and forms will be covered.

This course will cover the characteristics of hazardous wastes and it’s safe handling, storage, and disposal.

LIST OF EXPECTED COURSE OUTCOMES:

Perform Various Steel Part Fabrication

Perform Various Aluminum Part Fabrication

Work in a Safe and Professional Manner

LEARNING/TEACHING TECHNIQUES USED IN THIS COURSE:

[ ] COLLABORATIVE LEARNING [X] PROBLEM SOLVING
ASSIGNMENTS & ASSESSMENTS FOR THIS CLASS INCLUDE:

[X] READING          [ ] WRITTEN TESTS          [X] HANDS-ON TESTS
[ ] ORAL PRESENTATIONS [ ] WORKSHEETS          [ ] COLLABORATIVE PROJECTS
[ ] TEXTBOOK PROBLEMS  [ ] PAPERS              [ ] PORTFOLIO
[ ] GROUP PROBLEMS     [ ] TERM PAPER          [X] INDIVIDUAL PROJECTS

EXPECTED STUDENT LEARNING OUTCOMES: Perform a variety of modifications on a variety of vehicles in a safe and professional manner.

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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