COURSE OUTLINE

DEPT. AUTO BODY        COURSE # TRAB 2112

COURSE TITLE: Auto Body Electrical

CATALOG DESCRIPTION: This course covers the various electrical system components, their operation, failure diagnosis and repair.

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: 3 CREDITS 1 LECTURE HOUR & 4 LAB HOURS PER WEEK

THIS COURSE IS USUALLY OFFERED: SPRING 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: This course covers the identification, function, diagnosis and repairs of automotive electrical systems.

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

LIST OF EXPECTED COURSE OUTCOMES:

Perform Electrical system component identification and function

Perform Electrical system failure diagnosis and repair

Perform Electrical harness installation

Work in a Safe and Professional Manner

LEARNING/TEACHING TECHNIQUES USED IN THIS COURSE:
COLLABORATIVE LEARNING  PROBLEM SOLVING

STUDENT PRESENTATIONS  INTERACTIVE LECTURES
CREATIVE PROJECTS  INDIVIDUAL COACHING
Lecture  FILMS/VIDEOS
DEMONSTRATIONS  LAB

ASSIGNMENTS & ASSESSMENTS FOR THIS CLASS INCLUDE:

READING  WRITTEN TESTS  HANDS-ON TESTS
ORAL PRESENTATIONS  WORKSHEETS  COLLABORATIVE PROJECTS
TEXTBOOK PROBLEMS  PAPERS  PORTFOLIO
GROUP PROBLEMS  TERM PAPER  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.

A Member of the Minnesota State Colleges and Universities System

An Affirmative Action Equal Opportunity Educator/Employer