COLLISION REPAIR                 TRAB 2220
COURSE TITLE
SPECIALTY VEHICLE WELDING
CATALOG DESCRIPTION
This course covers the different welding techniques involved in joining, both light and heavy gage steel, aluminum, and stainless steel.

AUDIENCE
Required for those seeking a Certificate in Special Interest Vehicle Technology

PREREQUISITES OR NECESSARY ENTRY SKILLS/KNOWLEDGE:
Auto Body Repair Experience or Instructor’s Approval

LENGTH OF COURSE
2 Credits     1 Hour Lecture / 2 Hours Lab per week

THIS COURSE IS USUALLY OFFERED:
Every other year [ ]  fall [X]  spring [ ]  summer [ ]  undetermined [ ]

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

1) ACADEMIC CONTENT:

2) THINKING SKILLS:

3) COMMUNICATIONS SKILLS:

4) HUMAN DIVERSITY:

TOPICS TO BE COVERED:

The joining of mild steel, stainless steel, and aluminum using a variety of methods and equipment will be covered.
LIST OF EXPECTED COURSE OUTCOMES:

Weld Aluminum Stainless Steel, & Mild Steel Joints

Perform in a Safe and Professional Manner

LEARNING/TEACHING TECHNIQUES used in the course are:

[X] Collaborative Learning  [X] Problem Solving
[ ] Student Presentations  [X] Interactive Lectures
[X] Creative Projects  [X] Individual Coaching
[X] Lecture  [X] Films/Videos/Slides
[X] Demonstrations  [ ]
[X] Lab

ASSIGNMENTS AND ASSESSMENTS FOR THIS CLASS INCLUDE:

[X] Reading  [X] Tests  [X] Individual Projects
[ ] Oral Presentations  [ ] Worksheets  [X] Collaborative Projects
[ ] Textbook Problems  [ ] Papers  [ ] Portfolio
[X] Group Problems  [ ] Term Paper
[ ] Other (describe below)

EXPECTED STUDENT LEARNING OUTCOMES: Perform the joining of Mild Steel & Aluminum using various techniques.

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

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.