

**Distance
Education Mode
of Instruction**

SECTION B

General Education Information:

SECTION C

Course Description

Repeatability May be repeated 0 times

Catalog Description The third semester of Welding Technology continues with the advancement of welding skills in all areas. The study of joint design, materials, layout, symbols, metallurgy, material identification is expanded; material preparation and finishing, including patination is introduced.

**Schedule
Description**

SECTION D

Condition on Enrollment

1a. Prerequisite(s)

WELD 120 or
WELD 130 or
WELD 100

1b. Corequisite(s): *None*

1c. Recommended

WELD 120 and
WELD 121 or
equivalent coursework.

1d. Limitation on Enrollment: *None*

SECTION E

Course Outline Information

1. Student Learning Outcomes:

- A. Student identifies and uses appropriate Personal Protective Equipment (PPE).
- B. The student works cooperatively with others in a shop setting.
- C. The student can use SMAW, GTAW, GMAW, and FCAW welding procedures to make fillet and groove welds in all four manufa

Lab:

Lecture:

Other: Lectures with white board and computer presentations Visual laboratory demonstrations of welding techniques Hands-on laboratory activities

5. Methods of Evaluation: Describe the general types of evaluations for this course and provide at least two, specific examples.

Typical classroom assessment techniques

Edition:

5th