

WPT 170 - ART APPLICATIONS IN WELDING

Course Description

Art Applications in Welding introduces students to the creative side of welding by exploring its use in sculptural and functional art forms. Students apply a variety of welding and fabrication techniques to design and construct original works that integrate artistic principles with technical skill. The course emphasizes design concepts, safe equipment operation, material selection, and finishing methods, while promoting creative problem-solving and craftsmanship. Group 1 course.

Credit Hours

3

Contact Hours

6

Required Prerequisites

WPT 120, WPT 121, WPT 130, WPT 131, WPT 140, WPT 141

General Education Outcomes supported by this course

Critical Thinking - Direct

Course Learning Outcomes

Knowledge:

- Design and fabricate original metal art projects demonstrating creative use of welding techniques.

Application:

- Apply design and fabrication principles to produce structurally sound and visually compelling works.

Integration:

- Safely operate welding and cutting equipment in an art-focused fabrication setting.