

# MNG 271L - MARITIME WELDING LAB

---

## Course Description

See MNG 271 for course description.

## Credit Hours

0

## Contact Hours

0

## Lab Hours

2

## Required Prerequisites

All prerequisites for all GLMA courses are satisfied by following the approved Course Sequence Guide and any deviation from this guide needs to be approved by the cadet's adviser.

## Corequisites

MNG 271

## Recommended Prerequisites or Skills Competencies

ENG 111 and MTH 111

## General Education Outcomes supported by this course

Critical Thinking - Direct

## Course Learning Outcomes

### Knowledge:

- Demonstrate safe welding practices.
- Describe the strengths and weaknesses of the different types of welding procedures.

### Application:

- Perform SMAW welds in the flat and horizontal positions.
- Recognize and identify sound welds.

### Integration:

- Critique the uses and draw backs of SMAW welding.
- Discuss weld evaluation techniques.
- Analyze the traits that make a sound SMAW weld.

### Human Dimension:

- See themselves as engineering officers who possess a broad spectrum of skills.

### Caring - Civic Learning:

- Demonstrate safe SMAW welding practices.

### Learning How to Learn:

- Demonstrate skill sets in real-world situations.