

# MNG 319 - ENGINEERING SEA PROJECT III

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## Course Description

This course is a continuation of MNG 318 and is designed to further enhance the cadet's professional knowledge and sailing time to meet the licensing requirements of the U.S. Coast Guard, STCW and the criteria established by the Maritime Administration. STCW.

## Credit Hours

6

## Contact Hours

6

## Recitation Hours

6

## 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.

## General Education Outcomes supported by this course

Critical Thinking - Direct

## Course Learning Outcomes

### Knowledge:

- Develop skills with: ship's engineering equipment, generators and controls, electrical distribution systems, electric motors and controls, electrical maintenance, steering and deck machinery, bow thrusters and propellers, and ship's unloading systems.

### Application:

- Create a comprehensive report detailing the responsibilities of a merchant marine engineering officer.

### Integration:

- Meet a ship Chief Engineer' expectations by integrating academic knowledge into real-world situations.

### Human Dimension:

- Describe the duties of a ship's officer based on observing and assisting in ship board life.

### Caring - Civic Learning:

- Describe the importance of teamwork within a diverse workforce and culture.
- Develop as followers and leaders.

### Learning How to Learn:

- Complete written research reports as instructed.