

Lifeboat Operator

MC-STCW2

Fall 2025

Class Syllabus

Instructors:

CDR Michael Mulkern

LT Joseph Driscoll

Room: HA-103



Course Description

This course is intended to assess knowledge learned in vessel familiarization to complete the requirements necessary to obtain a Lifeboatman endorsement as set forth in [46 CFR 12.407\(b\)\(4\)](#), [NVIC 1-24](#), and STCW Table A-VI/2-1.

Learning Objectives

The primary objective of this course is based on the demonstration of competence through assessments. Upon completion of the course, students will have demonstrated the ability to perform the following assessments:

- Lowering and recovery of lifeboat using a gravity davit
- Operation of a survival craft engine
- Steering a course by magnetic compass

STCW Knowledge and Proficiency Requirements

As per table A-VI/2-1 of the STCW Code:

Take charge of a survival craft or rescue boat during and after launch

- Give correct commands for launching and boarding survival craft
- Prepare and safely launch survival craft
- Safely recover the survival craft

Operate a survival craft engine

- Start and operate an inboard engine fitted in an open or enclosed boat

Manage survivors and survival craft after abandoning ship

- Steer by magnetic compass

Course Schedule

This is a twelve-hour course broken up into six class periods. It follows a bi-weekly schedule where each class will meet every other week. There will be classroom instruction, dockside assessments, and an exam.

Day 1: Intro and review

Day 2: Start motor and review launching

Day 3: Launch and recovery assessments

Day 4: Launch and recovery assessments

Day 5: Launch and recovery assessments

Day 6: Steer by compass assessment

Finals week: Make-up any missed assessments, as needed

Materials Needed

There is no textbook required for this class. Relevant learning materials will be put on Blackboard. You will be required to bring your laptop on the exam day to take the test, let us know if you're unable to do so. Wear a boiler suit to class and bring a hardhat.

Attendance

Students must be present for all six class days. If a student misses a class, they may make it up in a different section provided it covers the same materiel that was missed. Contact your instructor to arrange for make-ups.

Grading

This is a pass/fail class based on the stated learning requirements and ability to demonstrate competency. A grade of 70% or higher on the exam is considered passing.

Cheating Policy

The exam is closed notes and to be individually completed in class. Cheating will result in a failure for the class.

Accommodations

Please inform your instructor by email if you require additional accommodations.

Office Hours

Tuesdays and Thursdays from 1300-1500 in room HA 204B.

Instructors

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