

Basic Safety Training

MC-STCW0

Fall 2024

Class Syllabus

Instructors:

CDR Michael Mulkern

Room: TBD



Course Description

By completing Personal Water Survival, Basic Marine Firefighting, and Social Responsibility during Orientation, students will fulfill three of the four components of STCW-required Basic Training. Basic Training is a pre-requisite for both ST I and the Cadet Merchant Mariner Credential.

Learning Objectives

Personal Water Survival

- Understand the dangers of entering the water in an emergency
- Demonstrate entering the water in an emergency with and without a life jacket on
- Demonstrate the use of other personal survival gear, including TPAs
- Demonstrate an ability to swim, including backstroke, crawl, treading water, and floating
- Demonstrate safety maneuvers in the water including HELP, huddle, survival chain and carpet
- Demonstrate basic life-saving skills in the water
- Demonstrate the ability to inflate, right, and enter a life raft from the water

Basic Marine Firefighting

- Learn to minimize the risk of fire
- Learn to maintain a state of readiness to respond to emergency situations involving fires
- Learn to fight and extinguish fires using water and portable fire extinguishers
- Learn to identify the fire triangle and types of ignition sources aboard ship
- Learn to identify flammable materials and fire hazards aboard a ship
- Learn the proper response to fire and other emergency signals
- Learn about the organization of fire and emergency response teams aboard vessels
- Learn to identify the location of emergency gear lockers, fire escape routes, and fire detection systems
- Practice fire extinguishment using portable fire hoses and extinguishers.
- Practice the proper donning of firefighting gear, including SCBA's.
- Practice search and rescue drills in reduced visibility while wearing turn-out gear and SCBA's.

Social Responsibility

- Maintain good personal and working relationships with shipmates.
- Communicate effectively with shipmates.
- Identify the impact of alcohol and drugs on mariners.
- Practice good hygiene and prevent the spreading of communicable diseases.

STCW Knowledge and Proficiency Requirements

This course meets the USCG and STCW requirements for *Personal Survival Techniques* of 46 CFR 11.302(a); 46 CFR 12.602(a) and the competency requirements of Section A-VI/1 and Table A-VI/1-1 of the STCW Code; for *Fire Prevention and Fire Fighting training requirements* of 46 CFR 11.201(h)(2) [BASIC Only] and 46 CFR 11.201(h) and the competency requirements of Section A-VI/1 and Table A-VI/1-2 of the STCW Code; for the *Elementary First Aid training requirements* of 46 CFR 11.201(i)(1) and the competency requirements of Section A-VI/1 and Table A-VI/1-3 of the STCW Code, as well as practical assessments from NVIC 12-14 (Ch-2), 19.1A, 19.2A, 19.3A and 19.4A; and for *Personal Safety and Social Responsibilities training requirements* of 46 CFR 11.302(a)(4) and the competency requirements of Section A-VI/1 and Table A-VI/1-4 of the STCW Code.

Course Schedule

Day 1: 1900-2100 -- Basic Marine Firefighting Lecture (2 hours); Admiral's Hall

Day 2: 0800-1500 – Basic Marine Firefighting Practicum (7 hours); Mass Fire's Bridgewater Campus

Day 3: 0800-1500 – Personal Water Survival (7 hours); Clean Harbor Gymnasium Pool

Day 4: 0800-1500 – Social Responsibility Lectures (6 hours); Admiral's Hall

Day 5: 1000-1100 – Basic Firefighting Test (1 hour); Mess Deck

Materials Needed

Cadets will be supplied with any necessary gear, such as life preservers or extinguishers. The appropriate uniforms for each evolution are specified in the Orientation schedule published by the Commandant's Office. The Classroom Black uniform will be the UOD for classroom activities. The UOD for firefighting is boilersuit, steel-toed boots, and full PPE. The UOD for water survival is a bathing suit, PT gear, and towel.

Attendance

Attendance at each activity is mandatory. Additionally, cadets must be physically capable of participating in each physical activity.

Grading

Basic Training is a Pass/Fail course. Having said that, there are two lecture-based activities, an exam, and two practicums. To receive credit for attending the lecture-based elements, cadets must attend the lectures in their entirety. To receive credit for the exam, cadets must score a 70% or better. To receive credit for the practicums, students must participate fully in each activity and receive a pass from the instructor.

Cheating Policy

To qualify for grading and credit for an assignment or exam, a student must present original work that they have completed individually without assistance from classmates or others.

Accommodations

Please inform your instructor by email if you require additional academic accommodation.

Office Hours

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

Instructors

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