

## CMI COURSE CURRICULUM COURSE ACTION

**Course Title:** STCW Basic Safety Training      **Alpha Number:** MART 110      **CIP No.** 49.0399

**Type of Action:**

- New Course (attach narrative justification for course creation)
- Substantive Revision (attach narrative justification for changes, including assessment and/or achievement data and feedback from the advisory committee if relevant)

Select all that apply:

- Change in number of credit hours
- Change in prerequisite
- Substantive change in course content
- Change to SLOs       Other:

Non-substantive Revision




Select all that apply:

- Change in Alpha Number or Title (unless letter abbreviation has not previously been used)
- Edit to course description that does not alter the substance of the course
- Change to recommended texts
- Other: Change in number of contact hours to 90

Reinstitution of Archived Course (attach narrative justification for reinstitution, including evidence of demand, evidence of capacity, feedback from the advisory committee if relevant, and commentary that speaks directly to the reasons the course was initially archived))

Reaffirmation of Course (only allowable if course completion rate exceeds ISS, the benchmark has been met for the majority of SLO assessments, and there is no evidence of inequitable levels of achievement across subpopulations; attach evidence)

**Approvals:**

|                            | Name                 | Signature   | Date     |
|----------------------------|----------------------|---|----------|
| Department Chair           | Edward Adiniwin      | DocuSigned by:<br><br>0A4D30580E1D40C...  | 9/2/2024 |
| Curriculum Committee Chair | Desmond N. Doulatram | DocuSigned by:<br><br>Employee signature: Department Co-Chair<br>8A4E9FDD06E14D5... | 9/2/2024 |
| Dean                       | Rigjeta R. Lord      | Signed by:<br><br>E719CB3192EB4F4...  | 9/2/2024 |

|       |                     |  |            |
|-------|---------------------|--|------------|
| VPASA | Dr.Elizabeth Switaj | DocuSigned by:<br><br>89BEB3BDDC23455... | 10/30/2024 |
|-------|---------------------|--|------------|

### CMI COURSE OUTLINE

CIP No. 49.0399

Version No. 2

MART 110  
Number

STCW Basic Safety Training Alpha  
Course Title

**Previous Alpha Number:**

**Course Description:** Provides maritime and fisheries industry workers of all levels of work experience with mandatory basic safety training. Covers basic marine firefighting; first aid/CPR; personal safety and social responsibility; and personal survival. The course meets the requirement of the **IMO Convention of Standard of Training, Certification and Watch-Keeping (STCW) for Seafarers** and is also suitable for first responders such as municipal and airport firefighters, industrial workers, police officers and ambulance attendants. For not-for-credit STCW Basic Safety Training, see MART 070.

**Course originally prepared by:** Maritime Program  
**Most recent revision by:** Maritime Program  
 Maritime Program

WAVES October/2022  
WAVES October/2022  
 WAVES August/2024

**Course mode(s):**  Face to Face (including Zoom)       Hybrid

**Credits calculated by:**  Credit Hour       Clock Hour       N/A

**Contact Hours:** 90

| Type                     | No. of Hours | No. of Credits | Maximum No. of Hours Online |
|--------------------------|--------------|----------------|-----------------------------|
| Lecture/Seminar/Workshop | 45           | 3              | 22.5                        |
| Clinical                 |              |                |                             |
| Practicum                |              |                |                             |
| Lab                      | 45           | 1              |                             |
| Fieldwork                |              |                |                             |
| Studio Time              |              |                |                             |
| <b>Total</b>             | 90           | 4              | 22.5                        |

**Purpose(s) of Course:** Degree Requirement \_\_\_\_\_

Degree Elective \_\_\_\_\_  
 General Education \_\_\_\_\_  
 Credit Certification \_\_\_\_\_  
 Developmental Rating forming Part of a Navigation Watch  
Rating forming Part of an Engine Room Watch  
 CTE/TVET X

ABE/Adult HS \_\_\_\_\_

**Distribution Area:** Humanities \_\_\_\_\_  
 Social Sciences \_\_\_\_\_  
 Mathematics (Credit) \_\_\_\_\_  
 Science \_\_\_\_\_

**Prerequisite:** MART 102 and MART 103

**Student Learning Outcomes:** Upon completion of this course, students will be able to:

1. Use life jackets, immersion suits, life rafts, signalling devices and another emergency equipment in the classroom and in the field
2. Extinguish different types of fires using suitable methods, equipment and techniques
3. Treat various injuries using management techniques for shock, bleeding, burns, and cardiopulmonary resuscitation
4. Work effectively and responsibly with regard to co-workers, the environment, and the safety of the ship

**SLO Mapping:**

| Prerequisite Course SLO  | Linked SLO from this Course | Explanation  |
|--|-----------------------------|--|
| MART 103 1. Use and comprehend English in daily work, classroom, and living activities | All SLOs                    | Basic English comprehension is required for students to understand the instructions required for these outcomes. |
| MART 102 1. Add, subtract, multiply and divide whole numbers and fractions             | SLO 2-3                     | Some basic calculations are required for fire fighting and injury management                                     |

**Links to Program Learning Outcomes:**

| SLO | Linked PLO | I/P/M | Explanation of Link |
|-----|------------|-------|---------------------|
|-----|------------|-------|---------------------|

|   |  |   |   |
|---|--|---|---|
| 1 | CCRERW 1. Carry out basic engine room watchkeeping duties safely and effectively.<br><br>CCRNW 5. Contribute to monitoring and controlling a safe watch. | P | Emergency response is a key part of watchkeeping              |
| 2 | CCRERW 1. Carry out basic engine room watchkeeping duties safely and effectively.<br><br>CCRNW 5. Contribute to monitoring and controlling a safe watch. | P | Emergency response is a key part of watchkeeping              |
| 3 | CCRERW 1. Carry out basic engine   | P | Emergency response is a key part                              |
|   | room watchkeeping duties safely and effectively.   |   | Watchkeeping  |
|   | CCRNW 5. Contribute to monitoring and controlling a safe watch   |   |   |
| 4 | CCERW 8 and CCRNW 9. Describe the importance of marine environmental awareness and relevant precautions.   | P | Environmental awareness is part of safe and effective working |

**Course Content:** Students in this course will be introduced to:

1. Individual and crew survival equipment and techniques
2. Actions to be taken in the event a man overboard and abandon ship situations
3. Principles of fire, ship design, ship characteristics and fire control aboard ships, marine firefighting equipment and techniques
4. Basic First Aid and CPR Techniques
5. Shipboard safe work practices
6. Required personal behavior aboard ship
7. Shipboard policies and regulations concerning drug and alcohol use, sexual harassment, and interactions with other crew

**Higher Order Thinking Skills:** Students in this course will experience:

- Analyzing the basic elements of an idea, experience, or theory
- Making judgments about the value or soundness of information, arguments, or methods
- Applying theories or concepts to practical problems or in new situations

**Recommended Methods of Instruction**

- Demonstration
- Lecture
- Small group discussion
- Class discussion
- Audio-Visual Aids
- Laboratory
- Supervised Practice
- Field Trips
- Other: Guest speaker (s)

**Recommended Assessment Tool Type(s):**

- Case Study
- Critique of Performance
- Exam/Quiz In-Course
- Exam/Quiz Standardized (attach narrative describing development and validation process)
- Focus Group
- Group Project
- Individual Project
- Observation
- Portfolio Review
- Presentation
- Simulation
- Skill Performance
- Supervisor Evaluation
- Survey
- Written Assignment
- Laboratory practical

**Required Forms of Regular and Substantive Interaction for Hybrid or Distance Education Courses (Selected at Least Two):**

- Direct instruction through:
  - Live video lectures
  - Live audio-only lectures
  - Live text chats
- Assessing or providing feedback on a student's coursework
- Providing information or responding to questions about the content of a course or competency through:
  - Live video discussions
  - Live audio-only discussions
  - Live text chats
  - Asynchronous message boards or text chats
- Facilitating a group discussion regarding the content of a course or competency through:
  - Live video discussions

- Live audio-only discussions  
 Live text chats  
 Asynchronous message boards or text chats \_\_\_\_\_

Other, specify:

**Note:** for distance education courses, if only two are selected, both must occur within the course on a weekly basis. If more than two are selected, the instructor may choose which two are used during each week.

**Equipment and Materials:**

1. Recommended texts: Texts and reference materials
  
0. Equipment/Facilities: Classroom, Copying Machine, Projectors, Laptop, Flat Screen, DVD player, Training videos, Personal Protective Equipment (PPE), Firefighting Simulator, First Aid Equipment, and Survival Equipment
  
0. Materials and Supplies: Pencils, pens, notebooks, Xerox papers, white board markers and erasers, rulers, staplers and staples, folders

**Connection to College Mission:** The IMO Convention of Standard of Training, Certification and Watchkeeping (STCW) for Seafarers provides what the CMI Mission states, “The College of the Marshall Islands will provide our community with access to quality, higher and further educational services, prioritize student success through engagement in relevant Academic, Career and Technical Education, and be a center for the study of Marshallese Culture. It will also provide intellectual resources and facilitate research specific to the needs of the nation”.

*BOR approved 1st December, 2020*

The STCW course is for Seafarers to Practice survival at sea in the event of ship abandonment, drill in the prevention, firefighting and extinguishment of shipboard fires, demonstrate correct response to shipboard accidents and medical emergencies, demonstrate shipboard safe work practices and working as a responsible crew member. The STCW will get seafarers ready and qualify them for day-to-day duties in the shipping industry.

**Connection to Department Mission:**

The IMO Convention of Standard of Training, Certification and Watchkeeping (STCW) for Seafarers course is connected to the mission of the department by “providing a high-quality educational service in maritime related vocational training to the Marshallese people and to students from other nations who desire maritime career opportunities in the area of maritime studies”. When the student completes the course and he/she is found competent using Practice to survive at sea in the event of ship abandonment, drill in the prevention, firefighting and extinguishment of shipboard fires, demonstrate correct response to shipboard accidents and medical emergencies, demonstrate shipboard safe work practices and working as a responsible crew member by the instructor, this will further qualify the seafarer for work in the shipping industry.

CC Approved: December 5 2022