

CMI COURSE CURRICULUM COURSE ACTION

Course Title: Introduction to Bridge Watchkeeping **Alpha Number:** MART 121 **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

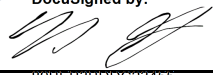
Other: Change in number of contact hours from 418 to 390

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:  0A4D30580E1D40C...	9/2/2024
Curriculum Committee Chair	Desmond N. Doulatram	DocuSigned by:  Employee signature: Department Co-Chair... 8A4E9FDD06E14D5...	9/2/2024
Dean	Rigieta R. Lord	Signed by:  E719CB3192EB4F4...	9/2/2024

VPASA	Dr. Elizabeth Switaj	DocuSigned by:  89BEB3BD0C23455...	10/30/2024
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CMI COURSE OUTLINE

CIP No. 49.0399

Version No. 2

MART 121

Introduction to Bridge Watchkeeping

Alpha Number

Course Title

Previous Alpha Number:

Course Description: Continues development of students' abilities to contribute to a navigation watch. Students practice the duties of a rating on bridge and cargo watchkeeping duties. Students will be required to spend two months on board a training vessel.

Course originally prepared by: Mark Gooderham

Consultant July/2022

Most recent revision by: Maritime Program

WAVES August/2024

Course mode(s): Face to Face (including Zoom) Hybrid Distance Education

Credits calculated by: Credit Hour Clock Hour

Contact Hours: 390

Type	No. of Hours	No. of Credits	Maximum No. of Hours Online
Lecture/Seminar/Workshop	75	5	45
Clinical			
Practicum	315	7	
Lab			
Fieldwork			
Studio Time			
Total	390	12	45

Purpose(s) of Course: Degree Requirement _____

Degree Elective _____

General Education _____

Credit Certification CC in Rating forming Part of a Navigation Watch

Developmental _____

ABE/Adult HS CTE/TVET X

Distribution Area: Humanities _____
 Social Sciences _____
 Mathematics (Credit) _____
 Science _____

Prerequisite: C or better in MART 120

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

1. Identify the duties and responsibilities of each bridge team member.
2. Demonstrate safe working practices during cargo and lifting operations.
3. Explain the requirements for keeping a proper lookout.
4. Steer a vessel in accordance with accepted practice.
5. Demonstrate the procedures required for compliance with MARPOL.
6. Describe the effect of shipping activities on the marine environment.
7. Perform support duties during anchoring and mooring operations.

SLO Mapping:

Prerequisite Course SLO	Linked SLO from this Course	Explanation
2. Demonstrate tie tying of knots, bends and hitches	3. Demonstrate safe working practices during cargo and lifting operations.	Appropriate knots, ties, and hitches are required for safe cargo and lifting operations.
Math 098 SLO 04 Solve application problems involving equations with quadratics, linear systems and rational expressions.	1-5	Solving word problems is carried out using the POLYA's four-step.

Links to Program Learning Outcomes:

SLO	Linked PLO	I/P/M	Explanation of Link
1	CCRFPNW 5. Contribute to monitoring and controlling a safe watch.	M	Understanding each role of the bridge team demonstrates an ability to contribute appropriately.
2	CCRFPNW 6. Observe safety precautions during the stowage and handling of cargoes.	M	Students implement safety precautions.

3	CCRFPNW 7. Keep a proper lookout by sight and hearing.	M	Students demonstrate that they understand what is required for a proper lookout.
4	CCRFPNW 8. Perform the duties of a helmsperson.	M	Steering is the primary responsibility of a helmsperson.
5	CCRFPNW 9. Describe the importance of marine environmental awareness and relevant precautions.	P	Students can engage in appropriate precautions.
6	CCRFPNW 9. Describe the importance of marine environmental awareness and relevant precautions.	M	Students understand the importance of precautions.
7	CCRFPNW 3. Perform support duties during mooring and anchoring operations.	M	Students fully demonstrate the skill.

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

1. Monitoring and Controlling a Safe Navigation Watch
2. Safety in Cargo Operations
3. Lookout Duties
4. Duties of a Helmsperson
5. Pollution Control
6. Marine Environmental Awareness
7. Shipboard work and working conditions

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: Course notes. Bridge Watchkeeping – A Practical Guide 2. Equipment/Facilities: PPE. Magnetic Compass. Training vessel. Vessels of opportunity (Fieldwork). Teaching Facility 3. Materials and Supplies: PPE.

Connection to College Mission:

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 course will provide access to quality further education which will prioritize student success through engagement in relevant Academic, Career and Technical Education.

Connection to Department Mission:

The mission of the department is “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”. The course will provide high quality maritime vocational training to students who desire career opportunities in the area of maritime studies.

CC Approved: January 9 2023

Justification for Hybrid:

For providing a comprehensive and flexible learning experience tailored to the demands of modern maritime education. The online component allows students to study theoretical aspects such as watchkeeping principles, regulations, and best practices at their own pace, using interactive tools and resources that enhance understanding and retention. This flexibility is especially beneficial for those balancing work and study or located in remote areas. In-person sessions focus on practical, hands-on training, such as watchkeeping simulations and real-time problem-solving exercises, ensuring that students gain the critical skills needed for effective bridge watchkeeping.

Certificate Of Completion

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Dr. Elizabeth Switaj
 eswitaj@cmi.edu
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Editor Delivery Events	Status	Timestamp
Agent Delivery Events	Status	Timestamp
Intermediary Delivery Events	Status	Timestamp
Certified Delivery Events	Status	Timestamp
Carbon Copy Events	Status	Timestamp
Witness Events	Signature	Timestamp
Notary Events	Signature	Timestamp
Envelope Summary Events	Status	Timestamps
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Certified Delivered	Security Checked	10/30/2024 7:37:31 AM
Signing Complete	Security Checked	10/30/2024 7:38:29 AM
Completed	Security Checked	10/30/2024 7:38:29 AM
Payment Events	Status	Timestamps