### COLLEGE OF THE MARSHALL ISLANDS COURSE OUTLINE

CIP No. <u>49.0399</u> <u>MART 106</u> Alpha Number

Seamanship I Course Title

**Course Description** 

Designed to provide instruction in basic seamanship skills necessary for employment aboard ocean vessels.

Course prepa	ared by: Vo	cational	Janu	ary 2014
Lecture Laboratory Clinical	Hours per Week 5 5	Number of Weeks 16 16	Total Hours 80 80	Credits 5 2
Seminar		Total Credit Hours 7		7
Purpose of Course: Degree Requirement Degree Elective General Education CertificationX Developmental Other				
Prerequisite(s)	Permission	Permission of Instructor		

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Signature Curriculum Committee Chairperson

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Signature, Dean of Academic Affairs

Signature, Vice President of Academic and Student Affairs

Last Date reviewed or revised:

Date

2/25/14

Date

Date

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### I. Course Outcomes

A. General Learning Outcomes

The student will:

- 1. Perform basic shipboard tasks (APP 1, 2, 3, 4)
- 2. Stand watch as an entry-level shipboard deck rating (APP 3, 4)
- Demonstrate basic marlinespike, load-rigging and line-handling skills (APP 1, 3, 4)
- 4. Live and work as a responsible shipmate (APP 4)

B. Student Learning Outcomes

Upon completion of this course, the student will be able to:

- 1. Clean, scrape, chip, prepare and coat metal surfaces as part of a corrosion control and maintenance program
- 2. Keep a lookout, answer helm commands and conn in simulated and actual ship's navigation bridge environments
- 3. Handle mooring lines, loads and rigging; tie and splice fiber line and wire rope using basic knots and splices
- 4. Work individually and as a member of a team with and without supervision to accomplish daily shipboard tasks

# II. Course Content

This course provides instruction in basic seamanship skills.

- 1. Shipboard routines
- 2. Marlinespike seamanship
- 3. Corrosion control
- 4. Lifting, rigging and ship mooring

# III. Methods of Instruction

- 1. Classroom lecture
- 2. Independent and group study and practice
- 3. Computer-based learning systems
- 4. Simulated and actual practical work

# IV. Equipment and Materials

- 1. Texts and reference materials
- 2. Training videos
- 3. Computers
- 4. Mooring, lifting and rigging gear
- 5. Lines, chains, blocks, falls and ropes
- 6. Cleaning and preservation tools and materials

# V. Suggested Methods of Evaluation

- 1. Class participation
- 2. Quizzes
- 3. Examinations
- 4. Practical demonstrations
- 5. Instructor assessments

Letter grades will be assigned per CMI Grading System.