

COLLEGE OF THE MARSHALL ISLANDS
Course Outline

CIP No. 49.0303

MART 080

Alpha Number

Basic Crewmember

Course Title

Course Description

Provides entry-level fisheries industry workers with the basic skills needed to successfully function as a member of a deck crew on a purse seiner or long line fishing vessel. This course is being developed according to the recommendations included in the SPC "Purse Seine Crew Course" (2012).

Course prepared by:

Vocational

January 2014

	Hours per Week	Number of Weeks	Total Hours	Credits
Lecture	<u>24</u>	<u>4</u>	<u>96</u>	<u>N/A</u>
Laboratory	<u>16</u>	<u>4</u>	<u>64</u>	<u>N/A</u>
Clinical	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Seminar	<u> </u>	<u> </u>	<u> </u>	<u> </u>
			Total Credit Hours	<u>N/A</u>

Purpose of Course: Degree Requirement
Degree Elective
General Education
Certification X
Developmental
Other

Prerequisite(s) MART 070

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Signature, Curriculum Committee Chairperson

3/25/2014
Date


Signature, Dean of Academic Affairs

2/25/14
Date


Signature, Vice President of Academic and Student Affairs

2/25/14
Date

Last Date reviewed or revised:

Basic Crewmember

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I. Course Objectives**A. General Outcomes:**

The student will:

1. Learn basic fishing vessel types and functions (CREW 1)
2. Describe main commercial tuna fishing target species (CREW 2)
3. Practice the safe handling of fishing gear and catches (CREW 3)
4. Perform watchkeeping duties required of entry-level crew (CREW 4)

B. Student Learning Outcomes

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

1. Identify the main characteristics of purse seine and long line fishing vessels including catch systems, gear, equipment, and parts of vessels
2. Discuss the main species of commercially valuable tuna and how they are caught and processed aboard the vessel
3. Operate and maintain equipment such as nets, falls, stays, blocks, tackles, rigging, motors, pumps, lines, and small boats
4. Work on deck and stand watch aboard the boat as directed by the master, mates, engineers, and deck boss

II. Course Content

This course teaches the student the basic knowledge required to successfully function as a member of a fishing vessel crew.

1. Purse seine and long line vessel basic design and construction
2. Fishing vessel target species, catch gear types and methods, maintenance and repair
3. Principles of vessel navigation, watchkeeping, boat operations and maintenance
4. Occupational and environmental safety, health and hygiene

III. Methods of Instruction

1. Classroom lectures
2. Practical demonstrations
3. Work labs
4. Field trips
5. Group discussions

IV. Equipment and Materials

1. Reference materials
2. Training videos
3. Personal protective equipment (PPE)
4. Lines, ropes, rigging and nets
5. Fishing vessels and tenders

V. Suggested Methods of Evaluation

1. Tests
2. Quizzes
3. Skill evaluation

Passing this course requires at least a 70% course score. Grades are assigned P or NP according to the CMI catalog