

COLLEGE OF THE MARSHALL ISLANDS
COURSE OUTLINE

CIP No. 49.0399

MART 090

Alpha Number

SPC Basic Fisheries Observer

Course Title

Course Description

Designed to meet the minimum requirements set forth by the Secretariat of the Pacific Community (SPC) for the training and certification of Fisheries Observers employed aboard purse seiners and long line vessels. Includes internationally recognized qualification under the International Maritime Organization (IMO) Convention on Standards of Training, Certification and Watchkeeping for Seafarers (STCW). Also includes additional instruction in the use of electronic information gathering, professional ethics, navigation and seamanship to better prepare students for the challenges and responsibilities of working at sea as an Observer.

Course prepared by:

Vocational

January 2014

	Hours per Week	Number of Weeks	Total Hours	Credits
Lecture	<u>20</u>	<u>6</u>	<u>120</u>	<u>N/A</u>
Laboratory	<u>20</u>	<u>6</u>	<u>120</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) MIMRA/SPC Approval and
 MART 070 and MART 080

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Signature, Curriculum Committee Chairperson

2/25/2014

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:

I. Course Outcomes

A. General Outcomes

The student will:

1. Identify the operational and biological characteristics of the Western and Central Pacific Ocean (WCPO) fisheries (OBS 1, 2)
2. Accurately use data collection techniques (OBS 1, 2)
3. Demonstrate ethics and accuracy in observer reporting (OBS 3)
4. Maintain reporting systems (OBS 4)

B. Student Learning Outcomes

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

1. Describe and identify: different types of vessels and their catch systems; main types of commercial tuna; the principles behind and species of concern with regard to bycatch policies
2. Accurately and speedily assess vessel sets and catches using navigation, communication, sampling, measuring and recording devices and systems
3. As an observer in the WCPO, maintain strict ethics in relationships with vessel crews, observer-debriefer, and reporting agencies
4. Demonstrate the correct use of paper and digital observer logsheets and data management systems

II. Course Content

This course teaches the students the requirements to become an SPC basic fisheries observer.

1. SPC Observer Training
2. Digital Observer Recording Systems
3. Ethics

III. Methods of Instruction

1. Classroom lectures
2. Practical demonstrations
3. Field trips
4. Independent and group practice

IV. Equipment and Materials

1. Paper-based reporting systems
2. Digital reporting systems
3. Electronic equipment
4. Scientific measuring and recording devices

V. Suggested Methods of Evaluation

1. Class participation
2. Exams
3. Quizzes
4. Practical demonstrations
5. Peer evaluation
6. Leadership demonstrations
7. Technical proficiency

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