

**College of Micronesia – FSM
P.O. Box 159
Kolonia, Pohnpei**

Course Outline Cover Page

Tuna Longline fishing

Course Title

FT 120

Department and Number

Course Description: This course has been designed for students who wish to work as crewmembers of fishing vessels, in fishery businesses, and field researchers and administration officers of marine resources management office.
This course is for students wishing to acquire basic fishing knowledge and skills in Tuna longline fishing.

Prepared by: Taro KAWAMOTO

State: FSM-FMI

	Hours per Week	No. Of Weeks	Total Hours	Semester
Credits				
Lecture	8/4	2/4	16	1
Laboratory	24	3	72	1.5
			Total Semester Credits:	2.5

Purpose of Course

Degree Requirement	_____ <u>XX</u> _____
Degree Elective	_____
Advanced Certificate	_____
Certificate	_____
Remedial	_____
Other (Workshop)	_____

Prerequisite Course(s): FT 110 Basic Fishing knowledge

Signature, Chairman, Curriculum Committee

Date Approved by Committee

Signature, President, COM-FSM

Date Approved by the President

General Objective:

This course is designed to provide the learner with the basic knowledge and skills in Tuna longline fishing techniques and its relating subjects.

Outline of Content:

This course contains:

1. Types of catch
2. Outline of Tuna longline fishing gear
3. Fishing gear and fishing methods
4. Fishing vessel
5. Fishing ground
6. Handling of catch

Learning Outcomes:

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

1. Describe the major fish caught by Tuna longline fishing activities.
2. Describe Tuna longline fishing gear.
3. Describe Tuna longline fishing methods and outline and demonstrate the construction and repair of longline fishing gear.
4. Describe major characters of Tuna longline fishing vessels.
5. Describe conditions to seek tuna fishing ground.
6. Describe and demonstrate proper fish handling of the catch.

Assessment Criteria:

Learning outcome	Assessment Criteria
1. Describe major fish caught by Tuna longline fishing activities.	<ul style="list-style-type: none"> ● Different types of tuna family species are outlined ● A certain fish caught by tuna longline fishing are identified
2. Describe outline of Tuna longline fishing gear.	<ul style="list-style-type: none"> ● Main parts of tuna longline fishing gear are described ● Advantages & disadvantages of Distant and small-scale longliner are described.
3. Describe Tuna longline fishing methods and outline and demonstrate the construction and repair of longline fishing gear.	<ul style="list-style-type: none"> ● Detail the design of distant water tuna longline fishing gear. ● Distant water tuna longline fishing methods are outlined. ● Detail design of small-scale tuna longline fishing gear is. ● Small-scale tuna longline fishing methods are outlined. ● Demonstrate the method of making main, branch and buoy lines
4. Describe the major characteristics of Tuna longline fishing vessels.	<ul style="list-style-type: none"> ● Main characteristics of tuna longline fishing vessel are described ● Advantages and disadvantages of distant water and

	small-scale fishing vessels are described
5. Describe the major considerations when to seeking tuna fishing grounds.	<ul style="list-style-type: none"> ● Behaviors of target fish are described ● Major migration path of tuna families are described. ● Key points for finding good fishing grounds are described.
6. Describe and demonstrate the proper handling of a catch.	<ul style="list-style-type: none"> ● Major steps for proper handling of the catch are described ● Bleeding and Gutting process are demonstrated
	<p>As specified in the Assessment Strategy listed at the end of this outline and by a combination of:</p> <ul style="list-style-type: none"> · Written assessment · Oral assessment · Observation during practical sessions.

Delivery strategy

The course provides for delivery by on or off-the-job training and assessment utilizing practical demonstration that simulate conditions found on board small scale tuna long line commercial vessels.

Some areas of content may be common to more than one learning outcome, and therefore integration of training and assessment may be appropriate.

Methods of instruction should include:

1. Classroom instruction;
2. Instructor demonstrations;
3. Participation in practical exercises;
4. Group work and
5. On board fishing training

Resource requirements

Delivery of the training will require:

- Classroom
- Overhead projector
- Video and monitor
- Fishing cooler and fish drying and smoking facilities.
- Learners guides
- Training vessel
- Fishing gear and materials
- Working space protected by sunlight

Assessment Strategy

Assessment Method	<p>Learning outcomes may not be assessed separately. A holistic assessment strategy is proposed that attempts to ensure as much as possible that the assessment replicate conditions that learners may encounter in their workplace.</p> <p>Practical assessment will be undertaken by observing the ability of learners to correctly apply the techniques taught in the course.</p>
Condition of Assessment	<p>Assessment may take place on or off-the-job. Where assessment is conducted off-the-job, the environment, where possible will simulate the real work place situation.</p>

Evaluation:

Final Grade for this course will be based on meeting the course requirements at the following percentage rates:

96% - 100%	A – Superior
90% - 95%	B – Above Average
80% - 89%	C – Average
69% - 79%	D – Below Average
0 % - 69%	F – Failure

Attendance:

The COM-FSM attendance policy will apply.