

College of Micronesia-FSM

PO Box 159

Pohnpei, FM 96941

COURSE OUTLINE

Course Title: Open Water SCUBA Diver

Department & Number: ESS 102ws

Course Description:

This course will introduce students to recreational scuba diving and qualify students as a PADI Open Water Diver. Upon course completion students will be qualified to dive with a buddy independent of supervision while within the limits of their training and experience, obtain air fills and scuba equipment, plan/conduct/log open water no decompression dives when properly equipped and when accompanied by a buddy in conditions with which they have training and/or experience, and to continue their dive training.

Course Prepared by: Frankie Harriss **State** National

	Hours per week		No. of week	Total Hours		Semester Credits
Lecture	<u> 1 </u>	x	<u> 16 </u>	x <u> 16 </u>	=	<u> 1 </u>
Laboratory	<u> 2 </u>	x	<u> 16 </u>	= <u> 32 </u>	=	<u> </u>
Workshop	<u> </u>	x	<u> </u>	x <u> </u>	=	<u> </u>

Purpose of Course:

Degree Requirement

Degree Elective x

Certificate

Other

Prerequisite Courses: ESL 089, Students must be capable of swimming.

Signature, Chairperson, Curriculum Committee

Signature, President, COM-FSM

ESS 102ws Scuba

Date Approved by Committee

Date Approved by President

Recommended by cc: 9/21/10

Approved by President:

A. PROGRAM LEARNING OUTCOMES (PLOs):

1. The student will be able to participate in regular physical activity for at least one semester.
2. The student will be able to describe the value of physical activity to a healthful lifestyle.

B. COURSE LEARNING OUTCOMES (CLOs):

1. The student will be able to complete 5 knowledge development segments, including quizzes and final exam.
2. The student will be able to meet watermanship requirements.
3. The student will be able to complete confined water dives 1 - 5.
4. The student will be able to complete open water dives 1 – 4.

CLO	PLO 1	PLO 2			
1	I,D,M	I			
2	D,M				
3	I,D,M				
4	M	D			

C. STUDENT LEARNING OUTCOMES (SLOs):

CLO 1. The student will be able to complete 5 knowledge development segments, including quizzes and final exam.

Student Learning Outcomes	Assessment Strategies
1.1 The student will be able to exhibit an introductory level of knowledge of all course content by completing & submitting 5 required PADI homework assignments from the required PADI Open Water Diver Manual and watching the required PADI Open Water Diver videos.	Student will submit homework assignments and any misconceptions must be clarified by the instructor and understood by the student before the student may proceed.
1.2 The student will be able to demonstrate knowledge of all course content by successfully passing 4 required PADI Open Water Diver quizzes .	Student must score an 80% or higher on each quiz and student must receive continued instruction to ensure complete

	comprehension of any content questions missed before proceeding in the course.
1.3 The student will be able to exhibit mastery of all course content by successfully passing the required PADI Open Water Diver Final Exam.	Student must score a 70% or higher on the final exam and student must receive continued instruction to ensure mastery of any content questions missed before proceeding in the course.
1.4 The student will be able to list the ways in which SCUBA diving can contribute to a healthy lifestyle.	Student will be able to list 4 ways in which SCUBA can contribute to a healthy lifestyle on a quiz.

CLO 2. The student will be able to meet watermanship requirements.

2.1 The student will be able to demonstrate that they can comfortably maintain themselves in water too deep in which to stand by completing a 10-minutes swim/float without using any swim aids.	Student will have to successfully complete the swim test under instructor supervision. Student must pass this test in order to proceed in the course.
2.2 The student will be able to complete a 200 meter continuous surface swim or a 300 meter swim with mask, fins, and snorkel.	Student will have to successfully complete the swim test under instructor supervision. Student must pass this test in order to proceed in the course.

CLO 3. The student will be able to complete confined water dives 1 - 5.

3.1 The student will be able to demonstrate, with a student level of mastery, all diver performance requirements for PADI confined water dives.	Student will demonstrate all required skills to the instructor and student must complete all skills
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	with a student level of mastery. Any skills for which a student has difficulty must be practiced and mastered before the student can proceed in the course.
3.2 The student will be able to complete a dive equipment checklist.	Student will organize and prepare all equipment required for a dive.
3.3 The student will be able to complete a dive planning checklist.	Student will complete and submit a dive planning checklist before a dive.

CLO 4. The student will be able to complete open water dives 1 – 4.

4.1 The student will be able to demonstrate, with a student level of mastery, all diver performance requirements for PADI open water dives.	Student will demonstrate all required skills to the instructor and student must complete all skills with a student level of mastery. Any skills for which a student has difficulty must be practiced and mastered before the student can proceed in the course.
4.2 The student will be able to demonstrate an appreciation for the marine environment by showing proper respect to marine life and the marine habitat while participating in diving activities.	Student will demonstrate this skill to the instructor and their dive buddy by using proper buoyancy techniques to avoid damaging marine life and by never harassing marine organisms. Student must also not pollute or disrupt the marine environment in any other way during course activities.

D. REQUIRED TEXT(S) AND COURSE MATERIALS

➤ *PADI Open Water Diver Manual.*

**The most current edition must always be used. The book MUST be new, as ALL student divers are legally required to possess their own copy, otherwise an instructor can be liable for any future diving accidents in which the student is involved. No borrowing and no used textbooks are allowed. No student will be allowed to take the course without purchasing the required new textbook. These textbooks can be purchased through PADI.com or any PADI professional dive center. The PADI professional dive manual can also be downloaded in pdf form from the PADI professional website.

- Diver Log Book and record of training.
- Dive tables or the eRDP and instructions for use
- Student Record File
- The student must read and sign the following forms & the most current forms MUST be used:
 - Liability Release and Assumption of Risk Agreement (PADI 10072)
 - Medical Statement (PADI 10063)
 - Standard Safe Diving Practices Statement of Understanding (PADI 10060)
 - Open Water Diver Course Record and Referral Form (10056)

By ordering an *Open Water Crew Pack*, all the above materials/forms will be included in the pack. Otherwise, the individual items as listed above are specifically required. All can be purchased through PADI.com or a PADI dive center.

- PADI Open Water Diver Video/DVD
- The most current version of *the PADI Open Water Diver Quizzes and Final Exam* must be used for testing.
- PADI instructor(s) must be in teaching status with required teaching liability insurance.
- Required PADI instructor dive equipment and required student dive equipment. Must follow current standards.
- AED – automated external defibrillator
- Emergency oxygen cylinders/kit
- Safety Kit

E. REFERENCE MATERIALS

The most current version of the *PADI Digital Open Water Instructor Manual* must always be **used. Standards change, and it is illegal for instructors to neglect to keep up to date of standard changes.

PADI Open Water Instructor Cue Cards.
PADI Open Water Prescriptive Guides DVD

PADI: Encyclopedia of Recreational Diving DVD
PADI: Open Water Lesson Guides
Giant Dive Table: RDP (Recreational Dive Planner)

F. **METHODS OF INSTRUCTION**

The course will involve the use of videos, lectures, and students will be instructed in the water/ocean including watermanship activities, dives in a confined water environment, and dives in the open water with performance based training.

G. **COURSE CONTENT**

1. Chapter 1
 - 1.1 The Underwater World
 - 1.2 Dive Equipment
 - 1.3 Scuba Systems
 - 1.4 The Buddy System
 - 1.5 Confined Water Dive Preview
2. Chapter 2
 - 2.1 Adapting to the Underwater World
 - 2.2 Respiration
 - 2.3 Dive Equipment Continued
 - 2.4 Buddy System: Communication and Procedures
 - 2.5 Confined Water Dive Preview Continued
3. Chapter 3
 - 3.1 The Dive Environment
 - 3.2 Dive Planning
 - 3.3 Boat Diving
 - 3.4 Problem Management
 - 3.5 Confined Water Dive Preview Continued
 - 3.6 General Open Water Skills
 - 3.7 Open Water Dives 1 & 2
4. Chapter 4
 - 4.1 Dive Accessories
 - 4.2 Health for Diving
 - 4.3 Breathing Air at Depth
 - 4.4 Dive Tables and Dive Computers (Introduction)
 - 4.5 Confined Water Dive Preview
5. Chapter 5
 - 5.1 Special Dive Table and Computer Procedures
 - 5.2 Using a Dive Computer
 - 5.3 Basic Compass Navigation
 - 5.4 Continuing Your Adventure
 - 5.5 Using the Recreational Dive Planner (Continued)
 - 5.6 Confined Water Dives 3, 4, and Optional Skin Dive
 - 5.7 Dive Safety Practices Summary

H. **INSTRUCTIONAL COSTS**

Dive equipment
Tanks/tank fills
Transportation
Course instructor materials
Instructor yearly insurance fee
Instructor yearly PADI membership fee

**A course fee will need to be charged to students in order to have funds to purchase/repair/replace dive gear, to cover the costs of getting tanks filled, and to update instructor required course materials. This fee should also go towards paying to maintain yearly instructor required PADI membership and instructor liability insurance. Suggested course fee is \$100 per student.

I. **EVALUATION**

Student evaluation will include homework, quizzes, a final exam, and exhibited mastery of performance based skills.

J. **ATTENDANCE POLICY**

Students are not allowed any absences for this course without prior instructor approval. The course is a progressive knowledge and skill-based approach. Each student must demonstrate knowledge and skills in a required sequence, and altering this sequence is not allowed for the safety of the student nor is it allowed by professional diving instructor standards. Because much of the course is conducted in the water, is time involved, requires equipment, and requires the presence of the instructor, it is not feasible to do constant make-up sessions. Students who miss a session without prior instructor approval and the necessary arrangements for making up this session before the rest of the class is ready to progress to new skills shall have to take an incomplete and hope to join a future class. By professional dive training standards, students are not allowed to miss or skip any components of their dive training.

K. **HONESTY POLICY**

To ensure the integrity of the educational process and the institution, the College encourages academic honesty, and therefore does not condone cheating, plagiarism, or any related form of academic dishonesty which prevents an instructor from being able to assess accurately the performance of a student in any facet of learning. Students found guilty of academic dishonesty, cheating, plagiarism, and facilitating academic dishonesty will be liable to dismissal or suspension from the College. (p37, COM-FSM General Catalog 2009 – 2011)

L. **CREDIT BY EXAMINATION**

None.

NOTE 3: *I have no recommendation for changes to Sections D-L.*