

OCN 101 Introduction to the Marine Option Program

CRN 64156 * 01 Credit Hours

Thursday 10:00 – 11:00 A.M.

INSTRUCTOR: David A. Krupp, Ph.D.
OFFICE: Hale 'Imiloa 121A
OFFICE HOURS: R 11:00 A.M. - 12:00 P.M.
TELEPHONE: 236-9121
EFFECTIVE DATE: Spring 2017

WINDWARD COMMUNITY COLLEGE MISSION STATEMENT

Windward Community College offers innovative programs in the arts and sciences and opportunities to gain knowledge and understanding of Hawai'i and its unique heritage. With a special commitment to support the access and educational needs of Native Hawaiians, we provide O'ahu's Ko'olau region and beyond with liberal arts, career and lifelong learning in a supportive and challenging environment — inspiring students to excellence.

CATALOG DESCRIPTION

This course provides an overview of statewide issues and organizations involved with ocean and freshwater activities, including management, education, research and business. It also provides an orientation to the Marine Option Program (MOP) and reviews the requirements of the MOP certificate. The course explores opportunities for internships, projects and careers related to water environments. The course will present guidelines on proposal writing, project implementation, data collection and interpretation, and final report preparation and presentation.

Activities Required at Scheduled Times Other Than Class Times

None.

STUDENT LEARNING OUTCOMES

The learning outcomes for this course are:

1. Develop a curriculum/program to facilitate the completion of a Marine Option Program (MOP) Certificate at WCC and other MOP campuses.
2. Describe the ocean and freshwater related activities that are being undertaken statewide and on other UH campuses.
3. Find information about statewide/nationwide/international projects, organizations, and career opportunities relating to marine and freshwater systems.
4. Find information about internship and scholarship opportunities relating to water environments.
5. Identify an appropriate MOP project topic.
6. Identify appropriate mentors and experts in the project area.
7. Complete a written MOP project proposal.
8. Prepare and deliver an oral presentation.

COURSE CONTENT*Concepts or Topics*

- Overview of the Marine Option Program (MOP)
- MOP certificate requirements
- Campus-by-campus MOP activities
- The Quantitative Underwater Ecological Survey Techniques Workshop (QUEST)
- Underwater archaeology
- Other MOP system projects and activities
- The University of Hawai'i Diving Safety Program
- Marine sciences at the University of Hawai'i
- Ocean-related organizations
- Accessing library resources
- Preparing a MOP skill project proposal
- Making an oral presentation
- Using PowerPoint

Skills or Competencies

- List the MOP certificate requirements
- Identify the WCC MOP faculty, the WCC MOP coordinators, and the UH system MOP coordinator.
- List all of the MOP campuses and describe some of the activities each of these campuses engages in.
- Identify various governmental and private-sector organizations involved with the ocean, providing examples of some of the activities these agencies are involved with.
- Describe the requirements for QUEST.
- Describe the general requirements for becoming a UH-certified SCUBA diver.
- Use information retrieval technologies to access literature sources relevant to a MOP project idea.
- Select a topic for a MOP skill project and complete a project proposal for this topic.
- Use PowerPoint to create a short presentation describing your proposed MOP project.
- Make an oral presentation describing your proposed project.

COURSE TASKS ASSESSMENT AND GRADING

Evaluation of the student's achievement of course objectives will be based upon attendance and class participation, a written examination, an essay describing an ocean-related organization, a completed MOP application form, a written project proposal (completed in parts – see below), an oral presentation, attendance and class participation.

Attendance and class participation. Active participation involves being present for all class sessions, submission of assignments prior to discussion, active listening, contribution to discussion, and asking pertinent questions. Points based upon attendance of 14 class sessions (5 points each), including the final exam session. ***Students missing more than three regular class sessions will receive a grade of "F" (failing grade). Students missing the final exam session 10:00 a.m. May 11) will also receive a grade of "F".***

Essay on a marine-related organization. Involves researching about a marine-related organization with significant importance to Hawai'i and composing a short (2-3 typed pages) description about it (more information will be passed out on this activity later).

MOP application form. The student will complete and submit the MOP application form (*note completion of this form does not obligate the student to complete all of the MOP certificate requirements*).

Examination. There will be one final examination to demonstrate understanding of information disseminated the class. This will be a take-home exam. Many of the answers to the questions will be presented during class sessions.

Written project proposal. A formal four to six page written project proposal will be due at the end of the semester. This proposal will be developed in stages and drafts with different sections due at different times throughout the semester (see assignment list below). There will also be a personal interview to discuss the full proposal draft before the final version is due. The student is expected to apply the guidelines for proposal writing.

Oral presentation. Using PowerPoint software, the student will make a short oral presentation describing his/her project proposal.

Grades will be based on the following:

<u>Assignment</u>	<u>Points</u>	<u>Due Date*</u>
Class Participation and Attendance	70 points	Every Session
MOP Application/Update Form	10 points	02 February
Curriculum Vitae or Resume	10 points	02 February
Three Possible Project Topics	10 points	16 February
Topic Selection & Background Reference List	15 points	02 March
Marine-Related Organization Essay	25 points	13 April
First Draft Proposal Introduction	20 points	16 March
First Draft Materials & Methods Section	20 points	23 March
First Draft Budget Section	15 points	06 April
First Draft Complete Proposal	30 points	20 April
Proposal Interview	25 points	27 April
Final Draft Complete Proposal	100 points	11 May
Oral Presentation	50 points	11 May
Final Take-Home Examination	50 points	11 May
TOTAL	450 points	

* due dates subject to change

Letter grades will be assigned as follows:

A.....90% or above in total points;

B80-89.9% of total points;

C65-79.9% of total points;

D55-64.9% of total points;

FBelow 55% of total points, or informal or incomplete official withdrawal from course, or missing more than three of the scheduled class sessions, or missing the final exam session;

N.....***Not given except under extremely rare circumstances*** (e.g., documented serious illness or emergency that prevents the student from officially withdrawing from the course); never used as an alternative for an "F" grade;

IIncomplete; given at the instructor's option when the student is unable to

complete only a *small* part of the course because of circumstances beyond his or her control. It is the student's responsibility to make up incomplete work. Failure to satisfactorily make up incomplete work within the appropriate time period will result in a grade change for "I" to the contingency grade identified by the instructor;

CR ...65% or above in total points;

NC ...Below 65% of total points (this grade only available under the CR/NC option);

W.....Official withdrawal from the course.

All written assignments must be received by their respective due dates for full credit eligibility. Receipt of an assignment after its due date will result in an automatic 10% point penalty (10% of total possible points) subtracted from the total points the student received on the assignment, provided the assignment is submitted within one week of the due date. Any assignment received more than one week after its due date will not be accepted and the student will not receive any points for that assignment.

LEARNING RESOURCES

Handouts will be made available in class sessions and through the OCN 101 Lualima site.

Useful Websites

OCN 101 Lualima Site: <https://lualima.hawaii.edu/portal>

WCC Marine Option Homepage: <http://www.wcc.hawaii.edu/MOP/>

WCC Pacific Center for Environmental Studies (PaCES): <http://www.wcc.hawaii.edu/paces/>

Dave Krupp Homepage: <http://krupp.wcc.hawaii.edu/>

UHM Marine Option Homepage: <http://www.hawaii.edu/mop/>

UH Diving Safety Program: <http://www.hawaii.edu/ehso/diving/>

DISABILITIES ACCOMMODATION STATEMENT

If you have a physical, sensory, health, cognitive, or mental health disability that could limit your ability to fully participate in this class, you are encouraged to contact the Disability Specialist Counselor to discuss reasonable accommodations that will help you succeed in this class. Ann Lemke can be reached at 235-7448, lemke@hawaii.edu, or you may stop by Hale 'Akoakoa 213 for more information.

Tentative Schedule of Course Topics

DATE	TOPIC
26-Jan	Course Introduction
2-Feb	MOP Overview, Certificate Requirements, and Project Ideas
9-Feb	MOP System Activities: Dr. Cindy Hunter, UH MOP Director
16-Feb	The MOP Skill Project Proposal
23-Feb	Searching the Literature, Citing Sources and Creating a Bibliography
2-Mar	Creating a Proposal Budget
9-Mar	Marine-Related Organization and Agencies
16-Mar	QUEST
23-Mar	UH Diving Safety Program
30-Mar	SPRING RECESS
6-Apr	Guest Speaker: TBA
13-Apr	Preparing an Oral Presentation
20-Apr	Using PowerPoint
27-Apr	Proposal Draft Interviews
11-May	Final Examination and Oral Presentations