OCN 101 Introduction to the Marine Option Program
CRN 60441 * 01 Credit Hours
Wednesday 12:30 – 1:20 P.M.

INSTRUCTOR: David A. Krupp, Ph.D
OFFICE: Hale 'Imiloa 121A
OFFICE HOURS: MW 10:30 - 11:20 a.m.
              TR 8:30 - 9:30 a.m.
TELEPHONE: 236-9121
EFFECTIVE DATE: Spring 2009

WINDWARD COMMUNITY COLLEGE MISSION STATEMENT

Windward Community College is committed to excellence in the liberal arts and career
development; we support and challenge individuals to develop skills, fulfill their potential, enrich
their lives, and become contributing, culturally aware members of our community.

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 15 regular class sessions (5 points each).

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 in the class. This will be a take-home exam.

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. 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:

<table>
<thead>
<tr>
<th>Assignment</th>
<th>Points</th>
<th>Due Date*</th>
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<tbody>
<tr>
<td>Class Participation and Attendance (5 pts/session)</td>
<td>75</td>
<td>Every Session</td>
</tr>
<tr>
<td>MOP Application/Update Form</td>
<td>10</td>
<td>08 September</td>
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<tr>
<td>Curriculum Vitae or Resume</td>
<td>10</td>
<td>08 September</td>
</tr>
<tr>
<td>Three Possible Project Topics</td>
<td>10</td>
<td>22 September</td>
</tr>
<tr>
<td>Marine-Related Organization Essay</td>
<td>25</td>
<td>24 November</td>
</tr>
<tr>
<td>Topic Selection &amp; Background Reference List</td>
<td>15</td>
<td>06 October</td>
</tr>
<tr>
<td>First Draft Proposal Introduction</td>
<td>20</td>
<td>20 October</td>
</tr>
<tr>
<td>First Draft Materials &amp; Methods Section</td>
<td>20</td>
<td>27 October</td>
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<tr>
<td>First Draft Budget Section</td>
<td>10</td>
<td>03 November</td>
</tr>
<tr>
<td>First Draft Complete Proposal</td>
<td>25</td>
<td>17 November</td>
</tr>
<tr>
<td>Final Draft Complete Proposal</td>
<td>100</td>
<td>01 December</td>
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<tr>
<td>Oral Presentation</td>
<td>50</td>
<td>15 December</td>
</tr>
<tr>
<td>Final Take-Home Examination</td>
<td>50</td>
<td>15 December</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>420</strong></td>
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* due dates subject to change

Letter grades will be assigned as follows:
  A ......90% or above in total points;
  B ......80-89.9% of total points;
  C ......65-79.9% of total points;
  D ......55-64.9% of total points;
  F ......“F” grade is not issued in this class;
  N ......Below 55% of total points, or informal or incomplete official withdrawal from course;
  I ......Incomplete; 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 Laulima 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/
WCC Hoa 'aina RS/GIS Center Homepage: http://hoaaina.wcc.hawaii.edu/MAINmenu/Menu.htm
Dave Krupp Homepage: http://krupp.wcc.hawaii.edu/
UHM Marine Option Homepage: http://www.hawaii.edu/mop/
UHH QUEST Homepage: http://www.kmec.uhh.hawaii.edu/quest.htm
UH Diving Safety Program: http://www.hawaii.edu/ehso/diving/