



UNIVERSITY of HAWAII®  
**WINDWARD**  
COMMUNITY COLLEGE

**[SCI-295v, STEM RESEARCH: Intro to MOP; S-Focused]**

[1 Credits (CRN 64510)]

[Online Asynchronous]

**INSTRUCTOR:** [William Smith]

**PHYSICAL OFFICE:** Hale Naauao Rm 127

**PHYSICAL OFFICE HOURS:** Tuesdays, 10:15 am – 11:15 am

**ONLINE OFFICE:** Personal Zoom Meeting Room, <https://hawaii.zoom.us/j/3387093879>

**ONLINE OFFICE HOURS:** [Wed 3:30 pm – 4:30 pm & Th 6:00 pm - 7:00 pm. (Zoom) ]

**TELEPHONE:** [Office: (808) 236-9118 Cellphone: (808) 561-3692 ]

**EMAIL:** [wsmith@hawaii.edu]

**EFFECTIVE DATE:** [8-WEEK COURSE BEGINS ON 3/6/23 AND ENDS ON 5/5/23]

**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 the Ko'olau region of O'ahu 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.

**NOTE:** This class section is **S-focused**, meaning that content will focus primarily on sustainability from within a given academic discipline and/or the course will examine an issue or topic using sustainability as a lens. For more information please visit: <https://windward.hawaii.edu/sustainability-curriculum-committee/>.

**Activities Required at Scheduled Times Other than Class Times**

[None, however students are expected to speak with instructor (Zoom or Phone, or Face-2-Face) three times during the semester. These times will be scheduled with each student based on their availability.]

**STUDENT LEARNING OUTCOMES**

As a result of taking this course, students can expect to attain the following outcomes:

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.

## COURSE ASSESSMENT TASKS & GRADING

[Evaluation of the student's achievement of course objectives will be based upon completion of various assignments, including: an essay describing an ocean-related organization, a completed MOP application, a written project proposal (completed in parts – see below), and an oral discussion of written project proposal with instructor.

**Active class participation.** Active participation involves completing online assignments for class sessions, submission of assignments and asking pertinent questions during synchronous meeting days.

**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*).

**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.

Clickable Link for **Zoom Personal Meeting Room** (used throughout the semester):  
<https://hawaii.zoom.us/j/3387093879>

**Grades will be based on the following:**

SCI-295V STEM RESEARCH: Introduction to the Marine Option Program			
Tentative Schedule 2nd 8 weeks of Semester			
Week Due Dates show the Sunday as end of week			
#	Assignment	Points	Week Due
1	MOP Application/Update Form	10	1st Week
2	Curriculum Vitae or Resume	10	1st Week
3	Three Possible Project Topics	10	2nd Week
4	Topic Selection & Background Reference List	10	2nd Week
5	Marine-Related Organization Essay	25	3rd Week
6	First Draft Proposal Introduction	20	4th Week
7	First Draft Materials & Methods Section	20	5th Week
8	First Draft Budget Section	20	6th Week
9	First Draft Complete Proposal (sections above combined)	30	5th Week
10	Proposal Interview	25	7th Week
11	Final Draft Complete Proposal	100	8th Week
12	Final Proposal/Project Discussion	20	Finals Week
<b>Total</b>		<b>300</b>	

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 .....Below 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;

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 may 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.

## **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.

## **LEARNING RESOURCES**

Digital Handouts will be made available 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/>

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

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

## DISABILITIES ACCOMMODATIONS

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 Accessibility Counselor to discuss reasonable accommodations that will help you succeed in this class. Roy Inouye can be reached at (808) 235-7448, [royinouye@hawaii.edu](mailto:royinouye@hawaii.edu), or you may stop by Hale Kāko‘o 106 for more information.

## SEX DISCRIMINATION AND GENDER-BASED VIOLENCE RESOURCES (TITLE IX)

Windward Community College is committed to providing a learning, working, and living environment that promotes personal integrity, civility, and mutual respect and is free of all forms of sex discrimination and gender-based violence, including sexual assault, sexual harassment, gender-based harassment, domestic violence, dating violence, and stalking.

If you or someone you know is experiencing any of these, WCC has staff and resources to support and assist you. To report an incident of sex discrimination or gender-based violence, as well as receive information and support, please contact one of the following:

Jojo Miller, Confidential Advocate

Phone: (808) 348-0663

Email: [advocate@hawaii.edu](mailto:advocate@hawaii.edu)

Office: Hale Kāko‘o 110

Desrae Kahale, Mental Health Counselor & Confidential Resource

Phone: (808) 235-7393

Email: [dkahale3@hawaii.edu](mailto:dkahale3@hawaii.edu)

Office: Hale Kāko‘o 101

Karen Cho, Deputy Title IX Coordinator

Phone: (808) 235-7404

Email: [kcho@hawaii.edu](mailto:kcho@hawaii.edu)

Office: Hale ‘Alaka‘i 120

As a member of the University faculty, I am required to immediately report any incident of sex discrimination or gender-based violence to the campus Title IX Coordinator. Although the Title IX Coordinator and I cannot guarantee confidentiality, you will still have options about how your case will be handled. My goal is to make sure you are aware of the range of options available to you and have access to the resources and support you need.

For more information regarding sex discrimination and gender-based violence, the University’s Title IX resources and the University’s Policy, Interim EP 1.204, go to [manoa.hawaii.edu/titleix/](http://manoa.hawaii.edu/titleix/)

## ACADEMIC INTEGRITY (This section is optional)

Work submitted by a student must be the student’s own work. The work of others should be explicitly marked, such as through use of quotes or summarizing with reference to the original author.

In this class, students who commit academic dishonesty, cheating or plagiarism will have the following consequence(s):

Students will receive a failing grade for plagiarized assignments.

All cases of academic dishonesty are referred to the Vice Chancellor for Student Affairs.]

#### **ALTERNATE CONTACT INFORMATION**

If you are unable to contact the instructor, have questions that your instructor cannot answer, or for any other issues, please contact the Academic Affairs Office:

- Location: Alaka'i 121
- Phone: (808) 235-7422