

Maui Community College  
Course Outline

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|-------------------------|--|
| 1. Alpha and Number     | Oceanography 293v<br>OCN 293v  |
| Course Title            | Ocean Internships and Research   |
| Credits                 | 1-3  |
| Date of Outline         | February 2005  |
| 2. Course Description   | With faculty guidance, students design and carry out marine-related internships, practica, research projects, or field experiences on or off campus. May be repeated. This course does not fulfill the Natural Science core. |
| 3. Contact Hours/Type   | 1-3 Lecture and/or laboratory  |
| 4. Prerequisites        | Enrollment in Certificate of Competence - Marine Naturalist I or II or the Marine Option Program   |
| Corequisites            |  |
| Recommended Preparation |  |

**Received March 2004**  
**Under Amnesty Program**  
**SLOs Updated & Linked To Content**  
**COWIQ Grid Prepared**

Approved by \_\_\_\_\_ Date \_\_\_\_\_

## 5. General Course Objectives

Oceanography 293v is designed to get students out in the field for practical experience in marine education. A research project or internship is agreed upon by the instructor, student and mentor (if applicable).

## 6. Student Learning Outcomes

*For assessment purposes, these are linked to #7. Recommended Course Content.*

On successful completion of this course, students will be able to

- a. present a written or oral report on research or internship experience;
- b. describe how interns support the objectives of a marine related agency or program (for internships);
- c. demonstrate skills and competencies for work within marine related agencies (for internships);
- d. design and carry out an experiment to test a hypothesis about a marine related question (for research projects);
- e. describe how they successfully achieved their learning outcomes;

## 7. Recommended Course Content and Approximate Time Spent on Each Topic *Linked to #6. Student Learning Outcomes.*

Content and time spent varies and may include marine-related topics being presented by local or visiting experts in the field. Participation may involve attending lectures, seminars, or workshops; or doing service-learning, or internships; or a combination of these. (b,c,e)

For research projects, students will design and carry out research for a marine related hypothesis. (d)

Present a written or oral report on research or internship experience. (a)

## 8. Text and Materials, Reference Materials, Auxiliary Materials and Content

Text and materials will vary depending on the internship or research project and may involve a variety of textbooks, references, articles, brochures, videos, web sites, and other appropriate sources of information. A large variety of books and videos are available for reference in the Biology office, Marine Option Program office, in the library at MCC and at various marine agencies.

Content will vary depending on the individual internship or research project.

## 9. Recommended Course Requirements and Evaluation

Course requirements will vary depending on the type of internship research project. Evaluation will be based on goals, objectives, and/or requirements of the student's specific program of study, and will be based on the satisfactory completion of these. Evaluation will be made by both the instructor and mentor, where appropriate.

## 10. Methods of Instruction

Instructional methods will vary with instructors. Specific methods will be at the discretion of the instructor teaching the course and may include, but are not limited to

- a. lectures
- b. Discussions
- c. Forums
- d. Conferences
- e. Demonstrations
- f. Workshops
- g. Slides
- h. Video
- i. web sites
- j. CD-ROMS
- k. Research
- l. service-learning
- m. laboratory work
- n. field activities
- o. group work
- p. reports
- q. field notes
- r. observations
- s. projects
- t. student discussions
- u. student presentations





**Standard 3 - Information Retrieval and Technology**

	OCN	OCN	OCN	OCN	OCN													
	64	101	140	191v	293													
<b>Outcome 3.1 - Use print and electronic information technology ethically and responsibly.</b>	0	2	0	2	2													
<b>Outcome 3.2 - Demonstrate knowledge of basic vocabulary, concepts, and operations of information retrieval and technology.</b>	0	1	1	1	1													
<b>Outcome 3.3 - Recognize, identify, and define an information need.</b>	0	2	0	2	2													
<b>Outcome 3.4 - Access and retrieve information through print and electronic media, evaluating the accuracy and authenticity of that information.</b>	1	2	1	2	2													
<b>Outcome 3.5 - Create, manage, organize, and communicate information through electronic media.</b>	0	0	0	0	0													
<b>Outcome 3.6 - Recognize changing technologies and make informed choices about their appropriateness and use.</b>	1	2	0	2	2													

**Standard 4 - Oral Communication**

	OCN 64	OCN 101	OCN 140	OCN 191V	OCN 293												
<b>Outcome 4.1 - Identify and analyze the audience and purpose of any intended communication.</b>	0	2	0	1	1												
<b>Outcome 4.2 - Gather, evaluate, select, and organize information for the communication.</b>	0	2	0	2	2												
<b>Outcome 4.3 - Use language, techniques, and strategies appropriate to the audience and occasion.</b>	0	2	0	1	1												
<b>Outcome 4.4 - Speak clearly and confidently, using the voice, volume, tone, and articulation appropriate to the audience and occasion.</b>	0	2	0	1	1												
<b>Outcome 4.5 - Summarize, analyze, and evaluate oral communications and ask coherent questions as needed.</b>	0	0	0	0	0												
<b>Outcome 4.6 - Use competent oral expression to initiate and sustain discussions.</b>	0	1	0	1	1												

