Maui Community College Course Outline

1.	Alpha and Number	Oceanography 101 OCN 101
	Course Title	Introduction to Marine Option Program
	Credits	1
	Date of Outline	January 2005
2.	Course Description	Explores the University of Hawai'i system- wide Marine Option Program through discussions, field trips and guest lectures from people working in marine field. This course does not fulfil natural science core requirements.
2.	Contact Hours/Type	1 Hour Lecture
4.	Prerequisites Corequisites	
	Recommended Preparation	

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

Approved by	Date
Approved by	Date

5. General Course Objectives

Students will learn about the scope and requirements of the University of Hawai'i system-wide Marine Option Program. They will explore possible research projects and internships and develop a project proposal.

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. prepare a project proposal
- b. write a resume
- c. describe opportunities, research and study in marine related activities
- d. research job and internship opportunities in marine related areas.
- 7. Recommended Course Content and Approximate Time Spent on Each Topic Linked to #6. Student Learning Outcomes.

1 week

Introduction to Marine Option Program

1 week

Resume writing

9-10 weeks

Lectures and field trips with instructor and guests from local

marine agencies and related businesses

3 weeks

Scientific and proposal writing

1 week

Student project presentations

8. Text and Materials, Reference Materials, Auxiliary Materials and Content No text required

Approximately one hundred books and videos are available for reference in the Marine Option Program office, the Biology office and in the library for researching and developing a project proposal. Auxiliary materials include videos, personal slides, field trips, community resource, people, guest speakers, reference books, biological specimen, posters, and brochures.

9. Recommended Course Requirements and Evaluation

Regular attendance is required. Students must complete a project proposal and have it approved by the MOP advisor. Other specific course requirements are at the discretion of the instructor at the time the course is being offered.

0-50% summary of presentations10-50% written proposal0-10% oral presentation of project proposal

10. Methods of Instruction

Presentations about the general goals of the Marine Option Program will be given. People in marine related organizations will give guest lectures. These include businesses and state, federal and nonprofit organizations. Field trips and guest speakers will be based on the research and internship opportunities available and the interests of the students in the group.

Assessment of Intended Student Learning Outcomes Standards

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	OCN	OCN OCN OCN OCN	OCN	OCN	OCN					
Standard 1 - Written Communication	ç	3	1	N E	287					
Outcome 1.1 - Use writing to discover and articulate ideas.	>	N	0	N	2					1
Outcome 1.2 - Identify and analyze the audience and purpose for any intended communication.	0	2	0	N	N					
Outcome 1.3 - Choose language, style, and organization appropriate to particular purposes and audiences.	0	2	0	Ν	N					
Sources appropriately.	0	ω	0	ω	အ					
Outcome 1.5 - Express a main idea as a thesis, hypothesis, or other appropriate statement.	0	ယ	0	ω	3					
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concisely with appropriate content.	0	Ν	0	2	N					
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Conventions of writing, including grammar, spelling, and mechanics.	0	N	o	N	N					
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editing.	0	3	0	2	N	 				
Outrome 4.9 - Develop a paragrafusion in										
communication.							_			
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Standard 9 - Organtitative Beasoning						
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Outcome 2.1 - Apply numeric, graphic, and symbolic skills and other forms of quantitative reasoning accurately and appropriately.	0	>	2	N	N	
Outcome 2.2 - Demonstrate mastery of mathematical concepts, skills, and applications, using technology when appropriate.	0	0	0	0	0	
Outcome 2.3 - Communicate clearly and concisely the methods and results of quantitative problem solving.	0	0	0	0	0	
Outcome 2.4 - Formulate and test hypotheses using numerical experimentation.	0	0	0	1		
Outcome 2.5 - Define quantitative issues and problems, gather relevant information, analyze that information, and present results.	0	0	0	2	2	
Outcome 2.6 - Assess the validity of statistical conclusions.	0	0	0	2	2	

Standard 3 - Information Retrieval and Technology

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

Standard 4 - Oral Communication									
	OCN	OCN	OCN	OCN OCN OCN OCN OCN	OCN				
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Outcome 4.1 - Identify and analyze the audience and purpose of any intended communication.	0	2	0	- A	-				
Outcome 4.2 - Gather, evaluate, select, and organize information for the communication.	0	2	0	2	2		 	:	Ĺ,J
Outcome 4.3 - Use language, techniques, and strategies appropriate to the audience and occasion.	0	2	0						
Outcome 4.4 - Speak clearly and confidently, using the voice, volume, tone, and articulation appropriate to the audience and occasion.	0	2	0		-				
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Outcome 4.5 - Summarize, analyze, and evaluate oral communications and ask coherent questions as needed.	0	0	0	0	0				
Outcome 4.6 - Use competent oral expression to initiate and sustain discussions.	0	1	0	-1	1				

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Standard 5 - Critical Thinking									
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Outcome 5.1 - Identify and state problems, issues, arguments, and questions contained in a body of information.	0	ယ	ω	2	2	`		<u> </u>	
Outcome 5.2 - Identify and analyze assumptions and underlying points of view relating to an issue or problem.	0		_	_	>				
Outcome 5.3 - Formulate research questions that require descriptive and explanatory analyses.	0	3	0	3	3				
Outcome 5.4 - Recognize and understand multiple modes of inquiry, including investigative methods based on observation and analysis.	0	3	0	3	3				
Outcome 5.5 - Evaluate a problem, distinguishing between relevant and irrelevant facts, opinions, assumptions, issues, values, and biases through the use of appropriate evidence.	0	2	0	3	3				
Outcome 5.6 - Apply problem-solving techniques and skills, including the rules of logic and logical sequence.	0	2	N	2	2				
Outcome 5.7 - Synthesize inform from various sources, drawing appropriate conclusions.	0	2	4	2	2				I
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Outcome 5.8 - Communicate clearly and concisely the methods and results of logical reasonong.	0	2	0	2	2				
Outcome 5.9 - Reflect upon and evaluate their thought processes, value system, and world views in comparison to those of others.	0	0	0	0	0				
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