Maui Community College Course Outline

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Oceanography 191v

OCN 191v

Course Title

Field Experience in Marine Naturalist

Training

Credits

1-3

Date of Outline

February 2005

2. Course Description

Provides internship experiences in marine-

related agencies and businesses. 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 Approved by _____COWIQ Grid Prepared

Date_

5. General Course Objectives

Upon successful completion of this course students will be able to begin inservice and service-learning internships as volunteers, docents, and naturalists in marine-related fields

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 internship experience;
- b. describe how interns support the objectives of a marine related agency or program;
- c. demonstrate skills and competencies for work within marine related agencies;
- d. 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 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.

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

Text and materials will vary depending on the internship 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.

9. Recommended Course Requirements and Evaluation

Course requirements will vary depending on the type of internship. Evaluation will be based on goals, objectives, and/or requirements of the specific internship program, and will ve 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
- 1. 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

Assessment of Intended Student Learning Outcomes Standards

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	-		OCN	OCN	OCN						
	64	101	140	191v 293	293						
Standard 1 - Written Communication											
Outcome 1.1 - Use writing to discover and articulate ideas.		2	0	2	2						
Outcome 1.2 - Identify and analyze the audience and purpose for any intended communication.	0	N	0	2	2						
Outcome 1.3 - Choose language, style, and organization appropriate to particular purposes and audiences.	0	2	0	N	N						
Outcome 1.4 - Gather information and document sources appropriately.	0	ω	0	ω	ယ						
Outcome 1.5 - Express a main idea as a thesis, hypothesis, or other appropriate statement.	0	ယ	0	ω	3					·	
concisely with appropriate content.	0	N	0	N	N						
Curcome 1.7 - Demonstrate a mastery of the conventions of writing, including grammar, spelling, and mechanics.	0	2	0	2	2			 			
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editing.	0	ω	0	N	N						
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communication.											

Standard 2 - Quantitative Reasoning									
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	64	101	140	191v 293	293				
Outcome 2.1 - Apply numeric, graphic, and symbolic skills and other forms of quantitative reasoning accurately and appropriately.	0	>	N	N	2			:	
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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

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	OCN	OCN	OCN OCN OCN OCN	OCN	OCN			
	64	101	140	140 191v 293	293			
Outcome 3.1 - Use print and electronic information technology ethically and responsibly.	0	2	0	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.	`	2		N	2	i		
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	N	2			

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Standard 4 - Oral Communication									
	OCN	OCN	OCN	OCN OCN OCN OCN OCN	OCN				
	64	101	140	140 191v 293	293				
Outcome 4.1 - Identify and analyze the audience and purpose of any intended communication	>	ა	2	٠.	٠.				
		1	1						
Outcome 4.2 - Gather, evaluate, select, and organize information for the communication.	0	2	0	2	N		 		
Outcome 4.3 - Use language, techniques, and strategies appropriate to the audience and occasion.	0	2	0	1	1				
Outcome 4.4 - Speak clearly and confidently, using the voice, volume, tone, and articulation appropriate to the audience and occasion.	0	2	0	1			 		
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	_	_				

Standard 5 - Critical Thinking						
	OCN	OCN	OCN	OCN	OCN	
	64	101	140	191v	293	
Outcome 5.1 - Identify and state problems, issues, arguments, and questions contained in a body of information.	0	3	ω	N	N	
Outcome 5.2 - identify and analyze assumptions and underlying points of view relating to an issue or problem.	0	<u></u> `	<u></u>	1	۵	
Outcome 5.3 - Formulate research questions that require descriptive and explanatory analyses.	0	ω	0	3	3	
Outcome 5.4 - Recognize and understand multiple modes of inquiry, including investigative methods based on observation and analysis.	0	ω	0	ω	ယ	
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	N	0	3	3	74-14-14-14-14-14-14-14-14-14-14-14-14-14
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Outcome 5.6 - Apply problem-solving techniques and skills, including the rules of logic and logical sequence.	0	N	2	2	2	
Outcome 5.7 - Synthesize inform from various sources, drawing appropriate conclusions.	0	N		2	2	
Outcome 5.8 - Communicate clearly and concisely the methods and results of logical reasonong.	0	N	0	2	2	
Outcome 5.9 - Reflect upon and evaluate their thought processes, value system, and world views in comparison to those of others.	>	>	•	>	>	
to those of others.	0	0	0	0	0	