## General - Subject Matter Expert Review

USDOL TAACCCT Pathways To Employment Grant University of Alaska Southeast - Sitka

Program/Course: Fisheries Technology/FT211

Prepared by: Forrest R. Bowers

Date: July 8, 2017

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### Summary Review: Based on scoring from all rubric items

#### **Review Scale Definitions**

For each component (1.1 - 3.2), mark an X in the appropriate box.

Excellent: Represents a "best practice" and a model example

**Good:** Complete and effective.

**Ineffective:** Adequate but presents opportunities for improvement.

**N/A:** Not Applicable to this course review.

In your opinio	n, is this course:	Yes	No
	Relevant	X	
	Appropriate	X	
	Measureable	X	
	Engaging	X	

1. Course Outcomes and Activities	Excellent	Good	Ineffective	N/A
1.1 Course Outcomes are clearly stated.	X			
1.2 Course Activities are sequenced in a natural progression for effective learning.	X			
1.3 Course Outcomes are relevant to industry.	X			
1.4 Course Activities are appropriate for the course level.	X			
1.5 Expectations for effort and participation are clearly stated.	X			

Comments or recommendations: Course outcomes and activities are excellent. The learning outcomes document is very thorough and the course is structured to provide outcomes that are relevant and impart skills useful in the fisheries workplace. Activities are appropriate for an introductory level course. Expectations in terms of work load and time commitment necessary for success are well defined.

2. Instructional Materials (lectures, reading and writing assignments, projects)	Excellent	Good	Ineffective	N/A
2.1 Course Materials are relevant to stated course outcomes.	X			
2.2 Course Materials are relevant to industry and employers.	X			
2.3 Course Materials are engaging to students.	X			
2.4 Course Materials address/support one or more course outcomes.	X			
2.5 Course Materials show evidence of distance delivery strategies.	X			

Comments or recommendations: Materials provided are engaging and relevant both from a student and potential employer standpoint. Materials are current and represent standards used in the fisheries workplace and provide the learner a springboard into the workplace. Materials support all seven course outcomes and are very appropriate to distance delivery.

3. Assessments (exams, surveys, quizzes, assignments)	Excellent	Good	Ineffective	N/A
3.1 Evaluation of activities and content supports achievement of course outcomes.	X			
3.2 Course grading and evaluation policies art clearly stated.	X			
3.3 Assessments provide options for multiple learning styles.	X			
3.4 Assessments are appropriate for course level.	X			
3.5 Student feedback solicited.	X			

Comments and recommendations: Multiple types of assessments provide opportunities to demonstrate a range of skills and accommodate various learning styles and provide several opportunities to earn grade credit demonstrating proficiency. Assessments are appropriate to the instructional materials presented and the course level and use direct references from the modules which are helpful. Course grading policy is clearly stated in the syllabus.

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## Additional Comments and Recommendations

Auditional Commence and Recommenceations
FT211 is an outstanding introduction to the principles and concepts of fishery management techniques. Knowledge, skills, and abilities imparted through FT211 provide a springboard to both future entry level employment in the fields of fishery management and research and further education in the field of fisheries science. The modules and iPad delivery are outstanding and well suited to a distance delivery course. The variety of assessments provides a good opportunity for students to demonstrate a broad range of skills. One of the key benefits of a course like this to coastal Alaska students is that it begins to inform them as to how their natural resources are managed and would hopefully generate an interest in further engagement as a stakeholder or stimulate interest in a fisheries career. Students who have successfully completed this course would be well positioned for either. Because fishery science is a technical discipline it is difficult to provide an overview course that does not take a deep dive over the heads of beginning students. FT211 does a good job navigating that hazard by providing challenging material at an appropriate level for students likely to be enrolled.