

# ALASKAN AQUACULTURE O.E.

## Sitka, e-Learning

This occupational endorsement provides training for students interested in careers in aquaculture. Courses introduce students to the fundamentals of marine aquaculture and provide knowledge and applied training on rearing salmon and other marine organisms. The knowledge and skills learned in this program are essential to workforce development in the aquaculture sector. Emphasis options include either Fisheries Emphasis or Vessel Operator Emphasis.

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## Fisheries Emphasis

The Fisheries Emphasis of the Alaskan Aquaculture Occupational Endorsement will focus on broad issues of aquaculture and Alaskan Fisheries. The Fisheries Emphasis can be completed 100% distance.

Requirement	Hours	
Minimum Credit Hours	13	
Code	Title	Credits
FT S120	Fisheries of Alaska	3
FT S122	Alaska Salmon Culture I	3
FT S222	Alaska Salmon Culture II	3
FT S223	Alaskan Aquaculture Lab	1
or FT S291	Fisheries Internship	
FT S274	Fish Biology	3
Total Credits	13	

## Vessel Operator Emphasis

The Vessel Operator Emphasis of the Alaskan Aquaculture Occupational Endorsement will focus on hands-on application of small vessel operations. The Vessel Operator Emphasis must be completed locally in Sitka or Ketchikan.

Requirement	Hours	
Minimum Credit Hours	13	
Code	Title	Credits
FT S122	Alaska Salmon Culture I	3
FT S123	Introduction to Mariculture	3
FT S125	Fish Pathology Lab	1
FT S150	Cold Water Survival	1
FT S223	Alaskan Aquaculture Lab	1
FT S291	Fisheries Internship	2
MTR S120	Outboard Motor Maintenance	1

MTR S119	Small Vessel Operator	1
Total Credits		13

Upon completion, students will be able to:

1. Students will demonstrate sound field sampling techniques.
2. Students will operate safely while participating in program activities and utilizing program equipment.
3. Students will describe the basic principles of Aquaculture techniques used in Alaskan Aquaculture facilities.