

# FISHERIES TECHNOLOGY CERTIFICATE

## Sitka, e-Learning

This program is articulated with the A.A.S. in Fisheries Technology and is intended to offer students practical skills and knowledge to enter careers in fisheries technology. Students may elect a certificate with a fish culture or fisheries management emphasis. The Certificate requires 3 credit hours of internship.

## Alaska Salmon Enhancement Emphasis

Requirement	Hours
<b>Minimum Credit Hours</b>	<b>33</b>
General Requirements	11
Program Requirements	22

Code	Title	Credits
<b>General Requirements</b>		

### Written and Oral Communication Skills

Select one of the following: 3

COMM S111	Fundamentals of Oral Communication <sup>1</sup>	
COMM S235	Small Group Communication and Team Building <sup>1</sup>	
WRTG S111	Writing Across Contexts	
WRTG S212	Writing and the Professions	

### Computational Skills

Select one of the following: 4

MATH S105	Intermediate Algebra	
MATH S151	College Algebra for Calculus	
STAT S107	Survey of Statistics	

### Science Skills

Select one of the following: 4

BIOL S103	Biology and Society	
BIOL S104	Natural History of Alaska	
BIOL S105	Fundamentals of Biology I	
BIOL S106	Fundamentals of Biology II	
CHEM S103	Introduction to General Chemistry	
ENVS S102	Earth and Environment	

### Program Requirements

CIS S105	Computer Literacy	3
FT S120	Fisheries of Alaska	3
FT S122	Alaska Salmon Culture I	3
FT S222	Alaska Salmon Culture II	3
FT S291	(Fisheries Technology Internship)	3
FT S274	Fisheries Biology	3

Select one of the following:

OCN S101	Introduction to Oceanography	3
or FT S270	Fresh Water Ecology	

Select one of the following:

FT S125	Fish Pathology Lab	1
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or FT S230	Alaska Salmon Culture Lab	
<b>Total Credits</b>		<b>33</b>

<sup>1</sup> Grade C 2.00 or better

## Fisheries Management Emphasis

Requirement	Hours
<b>Minimum Credit Hours</b>	<b>33</b>
General Requirements	11
Program Requirements	22

Code	Title	Credits
<b>General Requirements</b>		

### Written and Oral Communication Skills

Select one of the following: 3

ENGL S111	Methods of Written Communication	
ENGL S212	Technical Writing	
COMM S111	Fundamentals of Oral Communication <sup>1</sup>	
COMM S235	Small Group Communication and Team Building <sup>1</sup>	

### Computational Skills

Select one of the following: 4

MATH S105	Intermediate Algebra	
MATH S151	College Algebra for Calculus	
STAT S107	Survey of Statistics	

### Science Skills

Select one of the following: 4

BIOL S103	Biology and Society	
BIOL S104	Natural History of Alaska	
BIOL S105	Fundamentals of Biology I	
BIOL S106	Fundamentals of Biology II	

### Program Requirements

CIS S105	Computer Literacy	3
FT S120	Fisheries of Alaska	3
FT S211	Fisheries Management Techniques	3
FT S272	Fisheries Management, Law and Economics	3
FT S274	Fisheries Biology	3
FT S291	(Fisheries Technology Internship)	3

Select one of the following:

OCN S101	Introduction to Oceanography	3
or FT S270	Fresh Water Ecology	

Select one of the following:

FT S111	Fisheries Management Techniques Lab	1
or FT S125	Fish Pathology Lab	

<b>Total Credits</b>		<b>33</b>
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<sup>1</sup> Grade C 2.00 or better