



UNIVERSITY of ALASKA SOUTHEAST

School of Career Education • 1415 Harbor Way • Juneau Alaska • 99801

**Tech Prep Articulation Agreement Between
University of Alaska Southeast (UAS)
and
Juneau School District (JSD)**

**Fisheries Technology
School Year 2018-2019**

Purpose:

In addition to the general Tech Prep Agreement, the purpose of this articulation agreement is to outline the mutual understanding as we have agreed to the following process and criteria with respect to the Fisheries Technology program.

Course:

The school district program will follow a curriculum coordinated with the administration and faculty of UAS pertaining to the following course:

FT S122 – Alaska Salmon Culture I

The first course of a two semester sequence which introduces students to the principles, concepts and methods used in the production of Pacific Salmon with an emphasis on modern fish culture techniques used by Alaskan producers. The course will cover all aspects of fry and smolt production. Topics include water quality, brood stock management, egg collection and incubation, egg and live fish transport, fresh and saltwater rearing techniques, feeding practices, growth, record keeping and fish health management.

3 Credits (3+0) Prerequisite: Biology

Although teaching methods may differ, this course will be subject to the instructional objectives and outcomes of the previously approved course syllabus that aligns with the UAS syllabus, rigor, and learning outcomes.

Administration:

1. Students must have an overall 2.0 GPA to register for university credit.
2. It is recommended that course work be completed at a level of 3.0 GPA.
3. Students must have successfully completed a full year of Biology prior to enrolling in the Alaska Salmon Culture I course.
4. Students must successfully complete UAS – Alaska Salmon Culture I with a minimum course 2.0 GPA prior to registering for university credit in UAS – Alaska Salmon Culture II.
5. UAS program chairs shall review and approve all course syllabi and related curriculum documents to ensure they replicate the UAS course. This includes standardized course syllabi, course objectives, textbooks, tools, equipment, and methods for evaluation.
6. To receive concurrent credit, the student will register for the Tech Prep course at the beginning of the term in which the competencies will be completed. Registration for yearlong courses will take place during the fall semester.
7. The UAS grade posted will be the UAS grade earned for the course and submitted by the district instructor.
8. Student grades will be submitted by 5:00 p.m. of the final day of the district semester at uaonline.alaska.edu.
9. Any change in instructor requires suspension of this addendum.

DocuSigned by:

Reid Brewer

March 4, 2018

Reid Brewer, Program Head
Fisheries Technology
University of Alaska Southeast

Henry Hopkins
Henry Hopkins, Instructor
Fisheries Technology
Juneau School District

2/16/18
Date

DocuSigned by:

Jill Hanson

March 22, 2018

Jill Hanson, Director
Sitka Campus
University of Alaska Southeast

Mark Miller
Mark Miller
Superintendent
Juneau School District

2/26/18
Date



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Course:

The school district program will follow a curriculum coordinated with the administration and faculty of UAS pertaining to the following course:

FT S222 – Alaska Salmon Culture II

Alaska Salmon Culture 2 is the second course of a two semester sequence which introduces students to the principles, concepts and methods used in the production of Pacific Salmon with an emphasis on modern fish culture techniques used by Alaskan producers. Methods used to enhance and rehabilitate the five species of Pacific salmon harvested in the commercial, sport and subsistence fisheries of Alaska and Northwestern United States will be covered in detail. Provides students with understanding of regulations and guidelines established by the state of Alaska to administer salmon enhancements programs through private non-profit aquaculture association.

3 Credits (3+0) Prerequisite: FT S122

Although teaching methods may differ, this course will be subject to the instructional objectives and outcomes of the previously approved course syllabus that aligns with the UAS syllabus, rigor, and learning outcomes.

Administration:

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3. Students must successfully complete UAS – Alaska Salmon Culture I with a minimum course 2.0 GPA prior to registering for university credit in UAS – Alaska Salmon Culture II.
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DocuSigned by:

Reid Brewer March 4, 2018
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 Reid Brewer, Program Head
 Fisheries Technology
 University of Alaska Southeast

Henry Hopkins 2/26/18
 Henry Hopkins, Instructor
 Fisheries Technology
 Juneau School District

DocuSigned by:

Jill Hanson March 22, 2018
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 Jill Hanson, Director
 Sitka Campus
 University of Alaska Southeast

Mark Miller 2/26/18
 Mark Miller
 Superintendent
 Juneau School District



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3 Credits (3+0) Prerequisite: FT S122

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Reid Brewer

March 4, 2018

Reid Brewer, Program Head
Fisheries Technology
University of Alaska Southeast

Ben Carney
Ben Carney, Instructor
Fisheries Technology
Juneau School District

2/26/18
Date

DocuSigned by:

Jill Hanson

March 22, 2018

Jill Hanson, Director
Sitka Campus
University of Alaska Southeast

Mark Miller
Mark Miller
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Reid Brewer

March 4, 2018

Reid Brewer, Program Head
Fisheries Technology
University of Alaska Southeast

Ben Carney 2/26/18
Ben Carney, Instructor
Fisheries Technology
Juneau School District

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Jill Hanson

March 22, 2018

Jill Hanson, Director
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OCN101 – Introduction to Oceanography

Survey of the oceans. Geology, chemistry, physical and biological characteristics will be covered. Topics include plate tectonics, sedimentation, ocean topography, major and minor chemical elements of seawater, currents and water masses, waves and tides, upwelling, nutrient cycles, plankton and nekton, benthic and pelagic life. Upon successfully completing this course, students will be able to identify and explain the primary themes in the study of the ocean, describe, with examples, the fundamental geology, chemistry, physics, and biology of the ocean and list and explain the basic scientific techniques used in oceanography.

3 Credits (3+0) No prerequisite

Although teaching methods may differ, this course will be subject to the instructional objectives and outcomes of the previously approved course syllabus that aligns with the UAS syllabus, rigor, and learning outcomes.

Administration:

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Reid Brewer

March 4, 2018

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Reid Brewer, Program Head
Fisheries Technology
University of Alaska Southeast

Ben Carney 2/26/18
Ben Carney, Instructor
Fisheries Technology
Juneau School District

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Jill Hanson

March 22, 2018

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Jill Hanson, Director
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Mark Miller 2/26/18
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