University of Alaska Southeast
School of Career Education
11120 Glacier Highway • Juneau, Alaska 99801-8683 • (907) 796-6120 FAX (907) 796-6571

Tech Prep Articulation Agreement
Between
University of Alaska Southeast (UAS)
and
Petersburg City School District (PCSD)

Fisheries Technology
School Year 2017-2018

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 program of Fisheries Technology.

Course:

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

> **Fisheries – Alaska Salmon Culture I**
> **FT S122** 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.

Reid Brewer, Program Head — Date 5/25/17
Fisheries Technology
University of Alaska Southeast

Alice Cumps, Instructor — Date 4-6-17
Fisheries Technology
Petersburg Borough School District

Dr. Paula Martin, Director — Date 5/22/17
Sitka Campus
University of Alaska Southeast

Erica Kludt-Painter — Date 4-6-17
Superintendent
Petersburg Borough School District

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Tech Prep Articulation Agreement
Between
University of Alaska Southeast (UAS)
and
Petersburg City School District (PCSD)

Fisheries Technology
School Year 2017-2018

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 program of Fisheries Technology.

Course:

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

> **Fisheries - Fundamentals of Fisheries Oceanography**
> **FT S110** An overview of the ocean environment with emphasis on processes that support fisheries productivity. Introduces fundamental concepts and principles of oceanography including major geological, chemical, physical and processes that occur in the world's oceans. Concepts will be presented in light of the interrelatedness of these disciplines and how they shape marine productivity. Human uses of fisheries and current issues in oceanography will be addressed. **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:

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. 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.
4. 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.
5. The UAS grade posted will be the UAS grade earned for the course and submitted by the district instructor.
6. Student grades will be submitted by 5:00 p.m. of the final day of the district semester at uaonline.alaska.edu.
7. Any change in instructor requires suspension of this addendum.

5/24/17
Reid Brewer, Program Head — Date
Fisheries Technology
University of Alaska Southeast

4-6-17
Alice Cumps, Instructor — Date
Fisheries Technology
Petersburg Borough School District

8/22/17
Dr. Paula Martin, Director — Date
Sitka Campus
University of Alaska Southeast

4-6-17
Erica Kludt-Painter — Date
Superintendent
Petersburg Borough School District

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Tech Prep Articulation Agreement
Between
University of Alaska Southeast (UAS)
and
Petersburg City School District (PCSD)

Fisheries Technology
School Year 2017-2018

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 program of Fisheries Technology.

Course:

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

> **Fisheries - Fin Fish Culture II**
> **FT S222** 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 Alaska 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 enhancement 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:

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 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.
4. 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.
5. 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.
6. The UAS grade posted will be the UAS grade earned for the course and submitted by the district instructor.
7. Student grades will be submitted by 5:00 p.m. of the final day of the district semester at uaonline.alaska.edu.
8. Any change in instructor requires suspension of this addendum.

5/25/17
Reid Brewer, Program Head — Date
Fisheries Technology
University of Alaska Southeast

4-6-17
Alice, Instructor — Date
Fisheries Technology
Petersburg City School District

8/22/17
Dr. Paula Martin, Director — Date
Sitka Campus
University of Alaska Southeast

4-7-17
Erica Kludt-Painter — Date
Superintendent
Petersburg City School District

University of Alaska Southeast
School of Career Education
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Tech Prep Articulation Agreement
Between
University of Alaska Southeast (UAS)
and
Petersburg City School District (PCSD)

Power Technology
School Year 2017-2018

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 program of Power Technology.

Course:

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

> **Marine Technology - Outboard and Small Engine Repair**
> **MT S121** Outboard and small engine repair theory, diagnosis service and repair of outboard and other small gasoline engines. **3 Credits (1+4) 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:

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 pass a written safety test with 100% which will remain on file with the school district.
4. 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.
5. 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.
6. The UAS grade posted will be the UAS grade earned for the course and submitted by the district instructor.
7. Student grades will be submitted by 5:00 p.m. of the final day of the district semester at uaonline.alaska.edu.
8. Any change in instructor requires suspension of this addendum.

5/1/17
Tom Dolan, Program Head — Date
Power Technology
University of Alaska Southeast

4/5/17
Dave Owens, Instructor — Date
Power Technology
Petersburg Borough School District

5-1-17
Pete Traxler, Dean — Date
School of Career Education
University of Alaska Southeast

Erica Kludt-Painter 4-7-17
Erica Kludt-Painter — Date
Superintendent
Petersburg Borough School District

University of Alaska Southeast
School of Career Education
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Tech Prep Articulation Agreement
Between
University of Alaska Southeast (UAS)
and
Petersburg City School District (PCSD)

Power Technology
School Year 2017-2018

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 program of Power Technology.

Course:

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

> **Power Technology – Introduction to Heavy Duty Mechanics**
> **DESL 101** This introductory course gives the student a look into the world of heavy duty mechanics. Students rebuild a diesel engine, operate heavy equipment, and take field trips to local shops. **3 Credits (2+2) 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:

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 pass a written safety test with 100% which will remain on file with the school district.
4. 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.
5. 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.
6. The UAS grade posted will be the UAS grade earned for the course and submitted by the district instructor.
7. Student grades will be submitted by 5:00 p.m. of the final day of the district semester at uaonline.alaska.edu.
8. Any change in instructor requires suspension of this addendum.

5/1/17
Tom Dolan, Program Head — Date
Power Technology
University of Alaska Southeast

4/5/17
Dave Owens, Instructor — Date
Power Technology
Petersburg Borough School District

5-1-17
Pete Traxler, Dean — Date
School of Career Education
University of Alaska Southeast

4-7-17
Erica Kludt-Painter — Date
Superintendent
Petersburg Borough School District

University of Alaska Southeast
School of Career Education
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Tech Prep Articulation Agreement
Between
University of Alaska Southeast (UAS)
and
Petersburg City School District (PCSD)

Welding Technology
School Year 2017-2018

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 program of Welding Technology.

Course:

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

> **Welding - Basic Welding**
> **WELD S120** A beginning level course covering the fundamentals of oxyacetylene welding, brazing and cutting, and electric arc welding. Emphasis in flat and horizontal welding positions on mild steel using a variety of welding rods and techniques. **3 Credits (1+4) No prerequisite.**

Although teaching methods may differ, this course will be subject to the instructional objectives and outcomes of the attached UAS syllabus.

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 successfully complete UAS – WELD 120 Basic Welding with a minimum course 2.0 GPA prior to registering for university credit in UAS – WELD 175 Advanced Topics in Welding.
4. Students will implement safety procedures as designated by AWS QC10 and ED2.0 2006.
5. A safety contract, completed and signed by the student and parent, will remain on file with the school district.
6. Students must pass a written safety test with a 90% accuracy which will remain on file with the school district.
7. 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.
8. 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.
9. The UAS grade posted will be the UAS grade earned for the course and submitted by the district instructor.
10. Student grades will be submitted by 5:00 p.m. of the final day of the district semester at uaonline.alaska.edu.
11. Any change in instructor requires suspension of this addendum.

5/1/17
Glenn Ramsey — Date
Welding Technology
University of Alaska Southeast

4/5/17
Dave Owens, Instructor — Date
Welding Technology
Petersburg Borough School District

5-1-17
Pete Traxler, Executive Dean — Date
School of Career Education
University of Alaska Southeast

Erica Kludt-Painter 4-7-17
Erica Kludt-Painter — Date
Superintendent
Petersburg Borough School District

University of Alaska Southeast
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Tech Prep Articulation Agreement
Between
University of Alaska Southeast (UAS)
and
Petersburg City School District (PCSD)

Construction Technology
School Year 2017-2018

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 program of Construction Technology.

Course:

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

> **Construction - Woodworking II**
> **CT S155** Special methods in wood construction and wood finishing, emphasizing furniture and precision woodcraft. **3 Credits (1+4) Prerequisite: CT S100.**

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 successfully complete UAS – CT 100 - Woodworking I with a minimum course 2.0 GPA prior to registering for university credit in UAS – CT S155 - Woodworking II.
4. A safety contract, completed and signed by the student and parent will remain on file with the district for students enrolled in UAS – CT S155 -Woodworking II.
5. A written safety test must be passed with 100% accuracy and a demonstration of safe use must be observed by the instructor prior to power tools being operated by the student.
6. 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.
7. 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.
8. The UAS grade posted will be the UAS grade earned for the course and submitted by the district instructor.
9. Student grades will be submitted by 5:00 p.m. of the final day of the district semester at uaonline.alaska.edu.
10. Any change in instructor requires suspension of this addendum.

5.12.17
Robin Gilcrist, Program Head — Date
Construction Technology
University of Alaska Southeast

4/5/17
Dave Owens, Instructor — Date
Construction Technology
Petersburg Borough School District

5-12-17
Pete Traxler, Dean — Date
School of Career Education
University of Alaska Southeast

4-6-17
Erica Kludt-Painter — Date
Superintendent
Petersburg Borough School District

University of Alaska Southeast
School of Career Education
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Tech Prep Articulation Agreement
Between
University of Alaska Southeast (UAS)
and
Petersburg City School District (PCSD)

Construction Technology
School Year 2017-2018

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 program of Construction Technology.

Course:

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

> **CT S100 – Woodworking I -** Introduction to woodworking and woodworking machines; project construction and general finishing procedures. **3 Credits (2 + 2) 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:

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 successfully complete UAS – Woodworking I with a minimum course 2.0 GPA prior to registering for university credit in UAS – CT S155 - Woodworking II.
4. A safety contract, completed and signed by the student and parent will remain on file with the district for students enrolled in UAS – CT S100 -Woodworking I.
5. A written safety test must be passed with 100% accuracy and a demonstration of safe use must be observed by the instructor prior to power tools being operated by the student.
6. 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.
7. 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.
8. The UAS grade posted will be the UAS grade earned for the course and submitted by the district instructor.
9. Student grades will be submitted by 5:00 p.m. of the final day of the district semester at uaonline.alaska.edu.
10. Any change in instructor requires suspension of this addendum.

Robin Gilcrist, Program Head — Date 5.12.17
Construction Technology
University of Alaska Southeast

Dave Owens, Instructor — Date 4/5/17
Construction Technology
Petersburg Borough School District

Pete Traxler, Dean — Date 5-12-17
School of Career Education
University of Alaska Southeast

Erica Kludt-Painter — Date 4-7-17
Superintendent
Petersburg Borough School District