

School of Career Education Program Learning Outcomes
From: AY18 Assessment Plan
Department: Career Education
Program Group: Fisheries Technology

Degree: AAS Fisheries Technology

1. Students will demonstrate sound knowledge of fish and their habitats (UAS competencies in information literacy and critical thinking).
 - a. Students will identify common commercial species of Alaska and understand their habitat needs.
 - b. Students will describe water as an environment for life.
 - c. Students will convey fishery information to faculty classmates.
2. Students will have sound field sampling techniques (UAS competencies in quantitative skills, critical thinking, computer usage and communication).
 - a. Students will collect, analyze, and present fisheries data utilizing standard methodologies.
 - b. Students will describe the importance of following protocols and techniques, utilizing good field data collection techniques and data recording techniques.
 - c. Students will describe methodologies and protocols; practice good data management skills; summarize and communicate findings.
 - d. Students will discuss the importance of correct data collection and analysis.
3. Students will operate safely while participating in program activities and utilizing program equipment (UAS competency in professional behavior).
 - a. Students will identify methods for reducing injury in the field and lab setting.
 - b. Students will discuss safe operating procedures for equipment; assess field conditions to determine safety guidelines to follow.
 - c. Students will discuss the importance of promoting safety for self and others and equipment.
4. Students will understand the basic principles of salmon enhancement techniques used in Alaskan hatcheries (UAS competencies in quantitative skills and critical thinking).
 - a. Students will describe the basic process involved in fish rearing.
 - b. Students will take part in "hands-on" procedures to ensure successful output of fish.
 - c. Students will describe attributes of Salmon Culture facilities in Alaska.
5. Students will understand the management and legal frameworks within which marine fisheries exist (UAS competencies in communication, information literacy and computer usage).
 - a. Students will describe the legal and regulatory framework of marine fisheries in Alaska.
 - b. Students will describe the current status of marine fisheries statewide.
 - c. Students will describe the social and economic value of Alaska fisheries to the state of the nation.