

APPENDIX A

UNIVERSITY OF ALASKA FAIRBANKS
Student Learning Outcomes Assessment
 Environmental Studies (ENVI) AAS Program

Expanded Statement of Institutional Purpose	Intended Objectives/Outcomes	Assessment Criteria and Procedures	Implementation
<p>MISSION STATEMENT: The Environmental Studies AAS Program (ENVI) of UAF’s College of Rural and Community Development will provide students with quality academic instruction and training responsive to regional needs. This program will help empower students and their communities to adapt to the overwhelming social, ecological, and economic changes presently occurring while protecting and enriching regional Alaska Native culture.</p> <p>GOAL STATEMENT: ENVI AAS graduates will learn the necessary interdisciplinary skills needed for general laboratory and field-based work in the environmental studies. The program concentrates on contemporary issues and scientific studies in ecosystem health and sustainable energy to better prepare graduates for entry-level jobs statewide or to continue their formal education in natural science, sustainable energy, or renewable resource policy.</p>	<ol style="list-style-type: none"> 1. Students completing the ENVI AAS degree will be prepared academically and vocationally for entry-level employment in environmental studies in Alaska. 2. Students completing the ENVI AAS degree will be prepared to advance into a science, engineering, or policy related baccalaureate program or other related course work. 	<ol style="list-style-type: none"> 1. Graduates will meet expectations as defined in the Individual Environmental Studies AAS Learning Outcome Assessment Rubric (see attached) 2. Graduates will express overall satisfaction via a post graduation survey. 3. Students satisfaction will be used in program evaluation 4. 80% of AAS graduates will continue educational path or seek employment in related field 	<ol style="list-style-type: none"> 1. Annually complete Environmental Studies Learning Outcome Assessment Rubric for each graduate 2. Student performance data recorded, synthesized and reported to program faculty 3. Annually perform survey of graduates from preceding year compiled and reported to program faculty 4. Faculty use compiled information to improve program and add educational or employment opportunities 5. Program faculty and admin determine students success in obtaining additional education or employment in related field

Individual Assessment Sheet

Environmental Studies (ENVI) Learning Outcome Assessment Rubric

Outcomes	Expectations	Rating
Academic Performance - Accumulated student GPA in core courses and electives	A Grade Point Average of 'C' (2.0) or above in ENVI Certificate courses (Rating scale: C=1, B=2, A=3)	
Directed Individual Project (Capstone Project) <ul style="list-style-type: none"> • Learn the basic scientific reporting methods and research skills necessary to analyze, interpret, and document field and laboratory data. 	Satisfactorily completed environmental science investigation (Directed Individual Study - ENVI 265) involving literature search, data collection, analysis and reporting.	
Academic Involvement <ul style="list-style-type: none"> • Participation above and beyond academic course work 	Actively debates topics in environmental science during class or community events Presents oral or poster presentations at academic conferences or meetings Participate in environmental science internships.	
Cooperative Learning <ul style="list-style-type: none"> • Reflective and open to feedback from others • Motivated to work with others on projects • Eager to learn from others 	Complete projects with other students Willingness to involve other students in independent research projects Cooperative behavior indicated in internships or job performance.	
General Conceptual Understanding of Environmental Science <ul style="list-style-type: none"> • Dedicated to being a "lifelong student" • Professional and ethical behavior • Flexible in their thinking and exhibit creative ideas 	Reads environmental science literature Attends environmental science conferences Join professional associations	
Job Preparedness <ul style="list-style-type: none"> • The student acquired the necessary skills for entry-level natural resources or environmental science career. 	Students have: <ul style="list-style-type: none"> • Received environmentally related internship or • Interviewed for an environmental science job or • Successfully employed in an environmental science job 	
Score (Total =18, score greater than 13 or 70% suggests learning objectives for student were met)		

Rating: Scale

0 = student does not exhibit this characteristic

1 = student rarely exhibits this characteristic

2 = student occasionally exhibits this characteristic

3 = student typically exhibits this characteristic

Environmental Studies AAS Degree

University of Alaska Fairbanks

