

2/10/13  
- posted

Submit original with signatures + 1 copy + electronic copy to Faculty Senate (Box 7500).  
See <http://www.uaf.edu/uafgov/faculty-senate/curriculum/course-degree-procedures/> for a complete description of the rules governing curriculum & course changes.

**TRIAL COURSE OR NEW COURSE PROPOSAL**

**SUBMITTED BY:**

Department	Environmental Studies	College/School	CRCD
Prepared by	Clint Reigh	Phone	907-842-5109
Email Contact	creigh@alaska.edu	Faculty Contact	Dr. Todd Radenbaugh

1. ACTION DESIRED (CHECK ONE):  
 Trial Course  New Course

2. COURSE IDENTIFICATION:  
 Dept  Course #  No. of Credits

Justify upper/lower division status & number of credits:

3. PROPOSED COURSE TITLE:

4. To be CROSS LISTED? YES/NO  
 If yes, Dept:  Course #

(Requires approval of both departments and deans involved. Add lines at end of form for additional required signatures.)

5. To be STACKED? YES/NO  
 If yes, Dept.  Course #

Stacked course applications are reviewed by the (Undergraduate) Curricular Review Committee and by the Graduate Academic and Advising Committee. Creating two different syllabi—undergraduate and graduate versions—will help emphasize the different qualities of what are supposed to be two different courses. The committees will determine: 1) whether the two versions are sufficiently different (i.e. is there undergraduate and graduate level content being offered); 2) are undergraduates being overtaxed?; 3) are graduate students being undertaxed? In this context, the committees are looking out for the interests of the students taking the course. Typically, if either committee has qualms, they both do. More info online – see URL at top of this page.

6. FREQUENCY OF OFFERING:   
 Fall, Spring, Summer (Every, or Even-numbered Years, or Odd-numbered Years) — or As Demand Warrants

7. SEMESTER & YEAR OF FIRST OFFERING (AY2013-14 if approved by 3/1/2013; otherwise AY2014-15)

**8. COURSE FORMAT:**

NOTE: Course hours may not be compressed into fewer than three days per credit. Any course compressed into fewer than six weeks must be approved by the college or school's curriculum council. Furthermore, any core course compressed to less than six weeks must be approved by the core review committee.

COURSE FORMAT: (check all that apply)  
 1  2  3  4  5  6 weeks to full semester

OTHER FORMAT (specify)

Mode of delivery (specify lecture, field trips, labs, etc)

9. CONTACT HOURS PER WEEK:  
 LECTURE hours/weeks  LAB hours /week  PRACTICUM hours /week

Note: # of credits are based on contact hours. 800 minutes of lecture=1 credit. 2400 minutes of lab in a science course=1 credit. 1600 minutes in non-science lab=1 credit. 2400-4800 minutes of practicum=1 credit. 2400-8000 minutes of internship=1 credit. This must match with the syllabus. See <http://www.uaf.edu/uafgov/faculty-senate/curriculum/course-degree-procedures-/guidelines-for-computing/> for more information on number of credits.

OTHER HOURS (specify type)

**10. COMPLETE CATALOG DESCRIPTION including dept., number, title, credits, credit distribution, cross-listings and/or stacking (50 words or less if possible):**

Example of a complete description:

FISH F487 W, O Fisheries Management

**3 Credits Offered Spring**

Theory and practice of fisheries management, with an emphasis on strategies utilized for the management of freshwater and marine fisheries. *Prerequisites: COMM F131X or COMM F141X; ENGL F111X; ENGL F211X or ENGL F213X; ENGL F414; FISH F425; or permission of instructor. Cross-listed with NRM F487. (3+0)*

ENVI F150 Viewpoints in Environmental Studies  
1 credit Offered as demand warrants  
Discussions and activities will focus on how scientists or research technicians evaluate environmental issues. The course is intended for first year college students and community members. Specific topics may include sustainability, resource development, ecosystem management, indigenous viewpoints, building technology, appropriate energy applications, and analysis of data. Topics announced prior to each offering and course may be repeated for credit towards a certificate or degree program to a maximum of 3 credits. (1+0).

**11. COURSE CLASSIFICATIONS:** Undergraduate courses only. Consult with CLA Curriculum Council to apply S or H classification appropriately; otherwise leave fields blank.

H = Humanities  S = Social Sciences

Will this course be used to fulfill a requirement for the baccalaureate core? If YES, attach form.

YES:  NO:  X

IF YES, check which core requirements it could be used to fulfill:

O = Oral Intensive, Format 6

W = Writing Intensive, Format 7

Natural Science, ("X" for Core) Format 8

**11.A Is course content related to northern, arctic or circumpolar studies? If yes, a "snowflake" symbol will be added in the printed Catalog, and flagged in Banner.**

YES

NO

**12. COURSE REPEATABILITY:**

Is this course repeatable for credit?

YES

NO

Justification: Indicate why the course can be repeated (for example, the course follows a different theme each time).

As this is a course to meet community needs in environmental studies. The course will cover different topics and themes with each offering. Course may be repeated for credit towards a certificate or degree program to a maximum of 3 credits.

How many times may the course be repeated for credit?

~~10~~ 3 TIMES

If the course can be repeated for credit, what is the maximum number of credit hours that may be earned for this course?

~~10~~ 3 CREDITS

If the course can be repeated with variable credit, what is the maximum number of credit hours that may be earned for this course?

~~10~~ 3 CREDITS

Change approved by

Todd R. via email.

**13. GRADING SYSTEM: Specify only one. Note: Later changing the grading system for a course constitutes a Major Course Change.**

LETTER:

PASS/FAIL:

**RESTRICTIONS ON ENROLLMENT (if any)**

**14. PREREQUISITES**

none

These will be required before the student is allowed to enroll in the course.

**15. SPECIAL RESTRICTIONS, CONDITIONS**

none

**16. PROPOSED COURSE FEES**

none

Has a memo been submitted through your dean to the Provost for fee approval?

Yes/No

**17. PREVIOUS HISTORY**

Has the course been offered as special topics or trial course previously?

Yes

Yes/No

If yes, give semester, year, course #, etc.:

- ENVI 193 Fall 2013 Introduction to Commercial Fisheries
- ENVI 193 Summer 2013 Pacific Salmon and the Ecology of Lake Aleknagik
- ENVI 193 Spring 2013 Water Quality II: Monitoring & Assessment
- ENVI 193 Spring 2013 Residential Solar Photovoltaics
- ENVI 193 Spring 2013 Energy Efficient Building Design and Simulation
- ENVI 193 Spring 2013 Building Ventilation and Energy
- ENVI 193 Spring 2013 Water Quality: Quality Assurance Project Plan Recertification
- ENVI 193 Spring 2013 Solid and Hazardous Waste Management
- ENVI 193 Spring 2013 Using Local Knowledge for Marine Mammal Conservation in Bristol Bay
- ENVI 193 Spring 2013 Building Ventilation and Energy
- ENVI 193 Spring 2013 Fisheries of Southwest Alaska
- ENVI 193 Spring 2013 Alaska Environmental Issues 2013
- ENVI 193 Fall 2012 Adding Value to the Commercial Catch

**18. ESTIMATED IMPACT**

WHAT IMPACT, IF ANY, WILL THIS HAVE ON BUDGET, FACILITIES/SPACE, FACULTY, ETC.

Minimal impact on budget, facilities, and classroom space. Classes will be taught by both regular faculty and approved adjunct instructors.

**19. LIBRARY COLLECTIONS**

Have you contacted the library collection development officer (kljensen@alaska.edu, 474-6695) with regard to the adequacy of library/media collections, equipment, and services available for the proposed course? If so, give date of contact and resolution. If not, explain why not.

No

Yes

Current library collections should be adequate (contacted 9/19/13)

**20. IMPACTS ON PROGRAMS/DEPTS**

What programs/departments will be affected by this proposed action? Include information on the Programs/Departments contacted (e.g., email, memo)

Environmental Studies, but courses already taught as ENVI 193 courses  
no impact to other university departments

**21. POSITIVE AND NEGATIVE IMPACTS**

Please specify positive and negative impacts on other courses, programs and departments resulting from the proposed action.

The UAF BBC Environmental Studies Program and its constituent communities will benefit from the proposed course. The UAF BBC Environmental Studies Program is frequently approached by schools, employers, and community partners requesting special topics courses to be taught to community members. Given the high demand for these topical classes that educate on environmental views there is a need for a catalog course.

**JUSTIFICATION FOR ACTION REQUESTED**


The purpose of the department and campus-wide curriculum committees is to scrutinize course change and new course applications to make sure that the quality of UAF education is not lowered as a result of the proposed change. Please address this in your response. This section needs to be self-explanatory. Use as much space as needed to fully justify the proposed course.

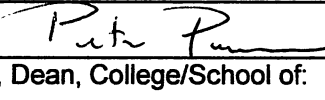
The UAF Bristol Bay Campus serves the educational needs of communities in Southwest Alaska. Due to the rapidly changing environment in Southwest Alaska it is important to offer an introductory course related to the formation of views related to resource development, resource management, traditional knowledge, field methods, building technology, and energy. The course will serve as an avenue to address current environmental topics that impact rural residents and communities.

The course maintains academic rigor by providing a flexible forum that cultivates an appreciation for scientific approaches on a range of important current environmental topics. In the course, students will be required to express and explain their views related to course material using a journal format. Focus will be placed upon indigenous knowledge, scientific method, and cultural practices as they relate to environmental issues.

**APPROVALS: Add additional signature lines as needed.**

	Date	03/Oct/2013
Signature, Chair, Program/Department of: Environmental Studies		

	Date	07 Oct 2013
Signature, Chair, College/School Curriculum Council for: CRCD		

	Date	10/7/13
Signature, Dean, College/School of: CRDC		

**Offerings above the level of approved programs must be approved in advance by the Provost.**

	Date	
Signature of Provost (if above level of approved programs)		

**ALL SIGNATURES MUST BE OBTAINED PRIOR TO SUBMISSION TO THE GOVERNANCE OFFICE**

	Date	
Signature, Chair Faculty Senate Review Committee: ___Curriculum Review ___GAAC ___Core Review ___SADAC		

**ADDITIONAL SIGNATURES: (As needed for cross-listing and/or stacking)**

	Date	
Signature, Chair, Program/Department of:		

	Date	
Signature, Chair, College/School Curriculum Council for:		

	Date	
Signature, Dean, College/School of:		

**ATTACH COMPLETE SYLLABUS (as part of this application).** The guidelines are online: <http://www.uaf.edu/uafgov/faculty-senate/curriculum/course-degree-procedures-/uaf-syllabus-requirements/>  
The Faculty Senate curriculum committees will review the syllabus to ensure that each of the items listed below are included. If items are missing or unclear, the proposed course (or changes to it) may be denied.

**SYLLABUS CHECKLIST FOR ALL UAF COURSES**

During the first week of class, instructors will distribute a course syllabus. Although modifications may be made throughout the semester, this document will contain the following information (as applicable to the discipline):

**1. Course information:**

Title,  number,  credits,  prerequisites,  location,  meeting time  
(make sure that contact hours are in line with credits).

**2. Instructor (and if applicable, Teaching Assistant) information:**

Name,  office location,  office hours,  telephone,  email address.

**3. Course readings/materials:**

Course textbook title,  author,  edition/publisher.  
 Supplementary readings (indicate whether  required or  recommended) and  
 any supplies required.

**4. Course description:**

Content of the course and how it fits into the broader curriculum;  
 Expected proficiencies required to undertake the course, if applicable.  
 Inclusion of catalog description is *strongly* recommended, and  
 Description in syllabus must be consistent with catalog course description.

**5.  Course Goals (general), and (see #6)**

**6.  Student Learning Outcomes (more specific)**

**7. Instructional methods:**

Describe the teaching techniques (eg: lecture, case study, small group discussion, private instruction, studio instruction, values clarification, games, journal writing, use of Blackboard, audio/video conferencing, etc.).

**8. Course calendar:**

A schedule of class topics and assignments must be included. Be specific so that it is clear that the instructor has thought this through and will not be making it up on the fly (e.g. it is not adequate to say "lab". Instead, give each lab a title that describes its content). You may call the outline Tentative or Work in Progress to allow for modifications during the semester.

**9. Course policies:**

Specify course rules, including your policies on attendance, tardiness, class participation, make-up exams, and plagiarism/academic integrity.

**10. Evaluation:**

Specify how students will be evaluated,  what factors will be included,  their relative value, and  how they will be tabulated into grades (on a curve, absolute scores, etc.)  Publicize UAF regulations with regard to the grades of "C" and below as applicable to this course. (Not required in the syllabus, but may be a convenient way to publicize this.) Faculty Senate Meeting #171:

<http://www.uaf.edu/uafgov/faculty-senate/meetings/2010-2011-meetings/#171>

**11. Support Services:**

Describe the student support services such as tutoring (local and/or regional) appropriate for the course.

**12. Disabilities Services:** Note that the phone# and location have been **updated**.

The Office of Disability Services implements the Americans with Disabilities Act (ADA), and ensures that UAF students have equal access to the campus and course materials.

State that you will work with the Office of Disabilities Services (208 WHITAKER BLDG, 474-5655) to provide reasonable accommodation to students with disabilities.

8/1/2012

## **ENVI 150: Viewpoints in Environmental Studies Syllabus**

### **Course Information**

Term:	On demand
Course Title:	Viewpoints in Environmental Studies
Dept. & Num:	ENVI 150
Credits:	1
Grading	Pass/Fail
Prerequisites:	none
Dates:	TBA
Days - times:	TBA
Location:	Bristol Bay Campus

Instructor:	Dr. Todd Radenbaugh
Position:	Faculty
Phone:	907-842-5109
Fax:	907-842-5692
Email:	T.A. Radenbaugh@alaska.edu
Office Hours	Available during the date the course is offered

Text:	Course related handouts
-------	-------------------------

### **Course Description**

Discussions and activities will focus on how scientists or research technicians evaluate environmental issues. The course is intended for first year college students and community members. Specific topics may include sustainability, resource development, ecosystem management, indigenous viewpoints, building technology, appropriate energy applications, and analysis of data. Topics announced prior to each offering and course may be repeated for credit towards a certificate or degree program to a maximum of 3 credits. (1+0).

### **Course Goal**

- Gain a better understanding of the complexities of a current environmental topic or technique

### **Course Outcomes:**

Upon completion of this course, students will:

- Be able to make connections between society and the ecological system for a specific environmental issue.
- Develop a scientifically defensible point of view on an important issue in environmental studies.
- Be able to explain how they came to gain their view on a specific environmental issue and how it is related to civic engagement.

### **Instructional Methods:**

Course may use one or more of the following methods: Demonstrations, lectures (face to face or distance education), student exercises, and class discussion

### Course Calendar

- Course agenda will depend on the topic. The instructor will develop an agenda specific to the course topic and submit it to ENVI Program Head's approval. The number of lecture hours will be consistent with UAF policy.
- Course will be one credit and last 800 or more minutes of lecture, plus 1,600 minutes of study time.

Example course syllabus for one credit class:

**Course Title:** Viewpoints in Environmental Studies: Local Knowledge for Marine Mammal Conservation in Bristol Bay

<b>MONDAY, Oct 28, 2013</b>	
8:00 a.m.-8:15 a.m.	Coffee
8:30 a.m.	Invocation
8:35- 8:40 a.m.	Introductions of participants and presenters Pre-test on current knowledge on viewpoint – Local knowledge and protocols for studying marine mammals in Bristol Bay
8:40 -9:40 a.m.	Bristol Bay Marine Multi-Species Conservation Project including roles of participating Village Councils - Helen Aderman, (BBNA Natural Resources Dept) Dr. Chanda Meek (UAF Political Science: Collaborative Research)
9:30- 9:45 a.m.	Being Scientific About Interviewing People - Dr. Chanda Meek (UAF Political Science) and Ilona Kemp (UAF-Alaska Sea Grant)
9:45.-10:30 a.m.	How to Collect Defensible Data - Dr. Todd Radenbaugh (UAF Bristol Bay Campus)
10:30-10:45 a.m.	Break
10:45-11:45 a.m.	Collaborative Research: Working as a Team When Collecting Data. - Todd Radenbaugh Yupik and Alutiiq cultural protocols for interviewing community members. - Helen Aderman and Jaclyn Christensen (Port Heiden Traditional Council)
11:45 a.m. to 12:00 p.m.	Discussion on data collection
12:00 p.m. to 1:30 p.m.	Lunch (on your own)
1:30 - 2:30 p.m.	Bearded and Ringed Seal Boat Survey Research Plan and Boat Survey Protocols - Mark Nelson (ADF&G, Fairbanks)
2:30 - 2:45 p.m.	Break
2:45 p.m-3:45 p.m.	Marine Conservation TEK protocols - Helen Aderman, Ilona Kemp, and Chanda Meek:
3:45 to 4:00 p.m.	Break
4:00 p.m. – 5:00p.m.	GPS Track and Waypoint Protocols for Boat Survey Work - Michael Knapp (Blue Skies Solutions LCC):
5:00 p.m.	<b>Homework Assignment:</b> use GPS to track you path back to your room and have ready to download track and waypoints into computer. <b>Adjourn</b>

<b>TUESDAY, Oct 29, 2013</b>	
9:00-9:15 a.m.	coffee
9:15 a.m.	Invocation
9:16 – 9:30a.m.	Download GPS tracks into computer and share with class
9:16- 9:45 a.m.	Intro to the Ice Seals Committee in Barrow - Michael Pedersen (North Slope Borough Wildlife Department):
9:46-10:30 a.m.	Foundation multi-year grant: Bristol Bay <i>Imarpiim Ungungsiit</i> Marine Conservation Project - Mark Nelson
10:30 -11:00 a.m.	Traditional Knowledge on Marine Conservation TEK and Mapping Protocols - Helen Aderman
11:00 - 11:15 a.m.	Break
11:15 a.m. to 12:00 p.m.	How to record TEK marine mammal subsistence data on USGS maps - Practice using GPS - Michael Knapp
12:00 to 1:30 p.m.	Lunch (on your own)
1:30 to 2:30 p.m.	Work with marine conservation TEK questionnaire to collect Sea otter biology and conservation data - Verena Gill (USFWS, Anchorage)
2:30 to 2:30 p.m.	TASSC boat and aerial survey counting protocols to work with Sea Otters - Jaclyn Christensen (Native Village of Port Heiden) - Helen Aderman
3:00 p.m. to 4:00 p.m.	- Zack Stevenson (Northwest Arctic Borough): Overview of Northwest Arctic Borough Subsistence Resource GPS Data Project
4:00 p.m. to 4:30 p.m.	Group Discussions in improving field work on marine conservation/boat and aerial surveys for communities
4:30 p.m.	<b>Homework Assignment:</b> complete TEK questionnaire and comment on cultural appropriateness to Bristol Bay. <b>Adjourn</b>
<b>WEDNESDAY, March 30</b>	
9:00 a.m.-9:15 a.m.	Coffee
	9:15 a.m. - Invocation
9:16-10:00 a.m.	Bearded Seal Biology; Bearded Seal Boat Survey Research Plan Bearded Seal Marine Conservation Draft TEK Questionnaire - Mark Nelson
10:00 -11:30 a.m.	Planning of field season dates: Chignik Lagoon; Port Heiden; - Helen Aderman Planning TEK interviews for Togiak and Spring and Fall boat survey counts - Helen Aderman
11:30 a.m. to 12:00 p.m.	Closing comments and Certificate of Completion Issued to participants - Dr. Chanda Meek
12:00 p.m.	Assessment test on knowledge learned about viewpoint – Local knowledge and protocols for studying marine mammals in Bristol Bay <b>Adjourn</b>



## Expectations of Course Participants

Participants will read assigned materials, contribute to the class discussions, and complete field or laboratory assignments. Reference and reading materials will be reviewed before the class so participants can share their learning and insights during the course.

## Evaluation and Grading Policy

Course grading will be *Pass/Fail*

Students will keep daily journals and summarize presentations and will be given an exit survey to discuss key topics learned.

- 60% — Journal entries
- 30% — Exit survey
- 10% — Participation and attendance

Students must receive a grade greater than 70% in order to *pass*.

### *Journal Requirement:*

Each student will be required to keep a journal of the course lectures or sessions and make notes on what they learned.

- To complete the course all students need to log at least 14 hours of course attendance and participate for a minimum of 3 days.
- Students will log course participation in a journal. The course journal will be graded based on how well each student articulates what they learned from interactions with speakers and other participants.

### *Grading Rubric for Journal*

	5 (Excellent)	4 (Good)	2-3 (Fair)	0-1 (Poor)
<b>Content</b>	Entries are meaningful and interesting and help the reader understand student perspectives on content; written details focus on important content	Entries are meaningful and detail course activities; written details help the reader understand topics in interesting ways.	Entries weakly detail content or are confusing; written details help reader understand course content.	Entries are incomplete or unrelated to course content.
<b>Comprehension of Material</b>	Entries show evidence of conceptual understanding; Able to make connections between concepts.	Entries show evidence that conceptual understanding; Can understand most of what was being communicated.	Entries show less than half of the material was understood.	Entries show student did not understand what was being communicated.
<b>Organization</b>	Journal entries are logical and coherent.	Journal entries are generally logical and effective with few minor problems.	Journal entry is somewhat illogical and confusing in places.	Journal entry lacks logical order and organization.
<b>Effort</b>	Exceeds the requirements of the assignment; demonstrates exemplary care and detail	Fulfills all of the requirements of the assignment; shows attention to detail	Fulfills most of the requirements of the assignment; little attention to detail.	Fulfills few of the requirements of the assignment; no regard for detail
<b>Grammar, Mechanics, Spelling, and Sentence Structure</b>	Journal entries are written in complete sentences; no grammar or spelling errors.	Journal entries are simple bullets; few grammar or spelling errors.	Journal entries poorly organized; many grammar or spelling errors.	Journal entries are incomprehensible due to organization or spelling and grammar errors.

**Course Policies:**

Individuals enrolling in the UAF course agree to:

- To conduct themselves honestly and responsibly and to respect the rights of others according to the Student Code of Conduct (<http://www.uaf.edu/catalog/current/academics/regs3.html>)
- Attend course in accordance to the rules stated in this syllabus.
- Turn in all assignments at the end of the course.
- The instructor reserves the right to amend this course outline as needed.

**Student Support Disability Services:**

University of Alaska Fairbanks Bristol Bay Campus Student Services at:

PO Box 1070

Dillingham, Alaska 99576

907-842-5109, 800-478-5109, Fax: 907-842-5692

Support and Tutoring is available to eligible students through UAF Student Support Services or Bristol Bay Campus. Contact UAF via the Internet at <http://www.uaf.edu/sssp/> or BBC by calling the toll free number at 1.800.478.5109.

Library services are available at <http://www.uaf.edu/library/> or call the toll free library information number at 1.800.478.5348 and ask for the off-campus librarian.

UAF has a Disability Services office that operates in conjunction with the College of Rural and Community Development (CRCDD) campuses and UAF's Center for Distance Education (CDE). Disability Services, a part of UAF's Center for Health and Counseling, provides academic accommodations to enrolled students who are identified as being eligible for these services.

If you believe you are eligible, please visit <http://www.uaf.edu/chc/disability.html> on the web or contact a student affairs staff person at the Bristol Bay Campus. You can also contact Disability Services on the Fairbanks Campus at (907) 474-7043, [fydso@uaf.edu](mailto:fydso@uaf.edu)

“The Office of Disability Services implements the Americans with Disabilities Act (ADA), and insures that UAF students have equal access to the campus and course materials. I will work with the Office of Disabilities Services (203 WHIT, 474.7043) to provide reasonable accommodation to students with disabilities.”