

127-011

FORMAT 1

Submit original with signatures + 1 copy + electronic copy to UAF Governance.

See <http://www.uaf.edu/uafgov/faculty/cd> for a complete description of the rules

Students will learn the fundamental physical and geochemical processes in the coastal zone using various locations in Alaska as examples. Must be at least a junior in standing; MSL111X or GEOS 101; CHEM F105X; PHYS F103X or PHYS F211X. Field trip required. (3+0)

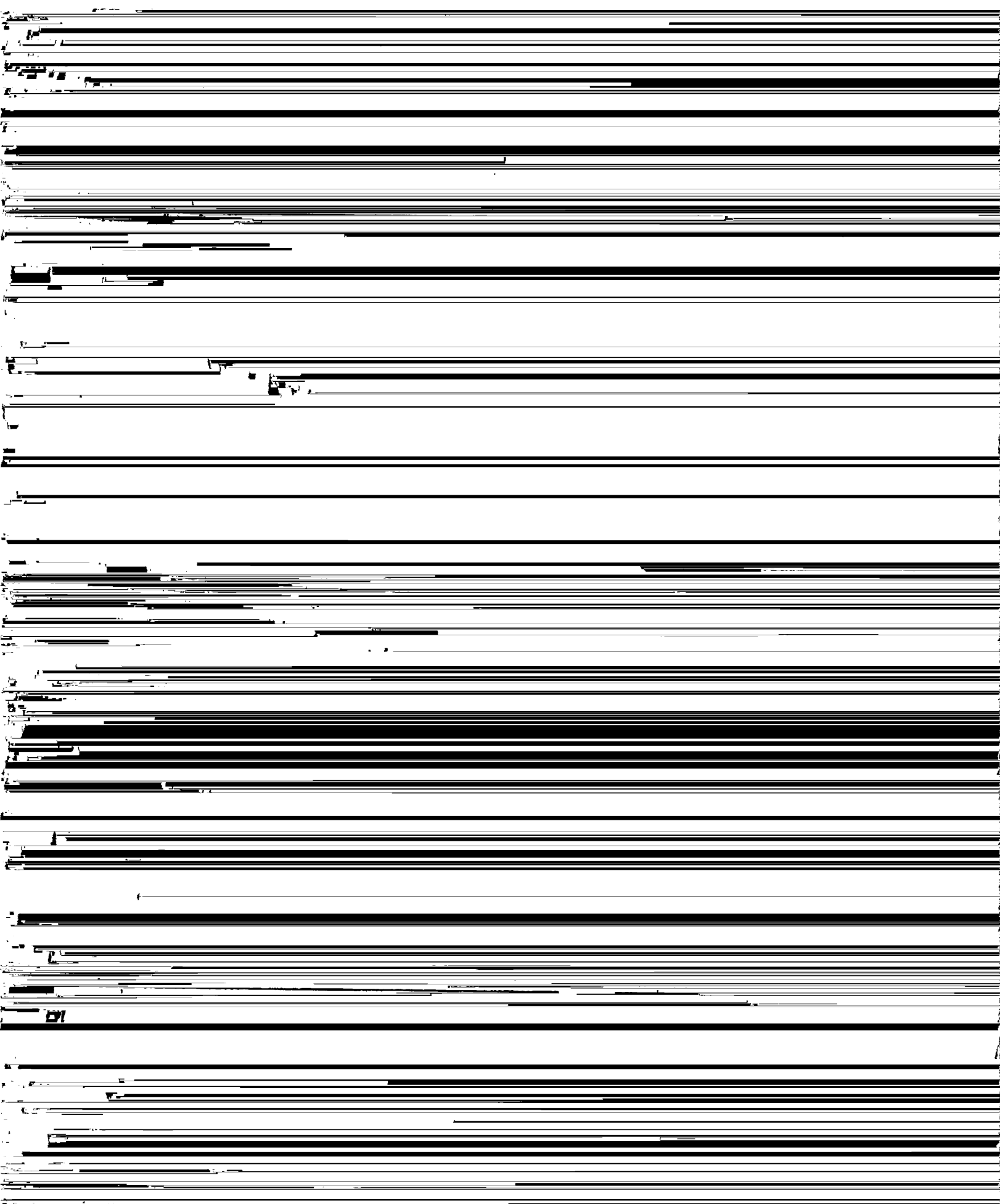
11. **COURSE CLASSIFICATIONS:** (undergraduate courses only. Use approved criteria found on page 10 & 17 of the manual. If justification is needed, attach on separate sheet.)

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)

This new course will benefit SFOS/MSL by providing depth to the concurrently proposed minor in ~~environmental science~~ In conjunction with GEOS faculty (Rogot and Coakley) this course will provide new





UNIVERSITY OF ALASKA



School of Fisheries and Ocean Sciences

045 QW Hill University of Alaska Fairbanks, PO Box 757000, Fairbanks, Alaska 99775-7000

ATTACH COMPLETE SYLLABUS (as part of this application).

Note: syllabus must follow the guidelines discussed in the Faculty Senate Guide

## MSL330 – The Dynamic Alaskan Coastline

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Instructor: Dr. Sam VanLaningham  
Office: 334 IRVING II  
Phone: 474-6991  
Email: [svanlaningham@alaska.edu](mailto:svanlaningham@alaska.edu)

Class Time: T-Th 11:30am – 1:00pm  
Location: 214 O'Neill  
Office Hours: T-Th 2–4pm, or by appt.

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### **Course Description:**

Mountains, rivers, glaciers, fjords, estuaries, deltas, tidal zones, sediments, nutrients,



Part 1. Write a report 40-45 point font and include the following sections:



63-66% = D  
60-62% = D-  
59% and below = Fail

Schedule (tentative)

WEEK	THEME
SEP 2	Overview of coastal Alaskan geologic, oceanographic/climate, ecosystem setting. <i>Blackboard Readings: Coastal Geomorphology, Ch. 2; Climate/ocean circulation system handout, Ecosystems Ecology Ch. 1, 2, 4.</i>
SEP 7/9	Overview of coastal Alaskan geologic, oceanographic/climate, ecosystem setting, cont. <i>Blackboard Readings: Coastal Geomorphology, Ch. 2; Climate/ocean circulation</i>

NOV  
9/11

Katmai – Volcanic processes, Aleutian volcanoes, 1912 eruption, rivers/lake  
chemical and physical changes, red salmon.  
Submarine Canyons.

*Blackboard Readings: Our Changing Coastline Ch. 13. Volcanoes handout*

**Curriculum Committee SFOS**

Members: Trent Sutton (Chair)  
Katrin Iken  
Jeremy Mathis  
Andre Lopez

08 December 2010

**New Course**  
**Course Number:** MSL 330  
**Course Title:** The Dynamic Alaska Coastline  
**Instructor:** VanLaningham  
**First Time of Offering:** No

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**General Recommendations:**

On the last page of the course proposal form is a checklist of components to be included

form (UAF requirement).

- Move course learning objectives to immediately below course description. However, what you list as learning objectives is the course goal. Identify learning outcomes/objectives for the course.
- Course overview – list 4 homework assignments. However, state 3 homework

**MEMORANDUM**

*Approved  
Susan Henrichs  
1/14/11*

**TO:** Dr. Susan Henrichs, Provost  
University of Alaska Fairbanks

**FROM:** Sam VanLaningham, Assistant Professor

School of Fisheries and Ocean Science

**THROUGH:** Dr. Michael Castellini, Dean

*Michael Castellini 1/20/11*

**SUBJECT:** Additional Fees (3 Day Field Trip)

**DATE:** December 17, 2010

I am asking for approval of the following fees for the new trial course, *The Alaskan*