

NRM 240 Natural Resources Measurement and Inventory

Instructor Nancy Fresco

Lectures - MWF 10:30 -11:30 (105 Murie Building)

Lab – Thur 2:00 – 5:00 (359 O’Neill Bldg)

Office Hours – Tues 1:30-3:00, Thurs 9-11, or by appointment, IARC 415A#1

Telephone No. – 474-2405

Email – nlfresco@uaf.edu (This is generally the best way to reach me, especially outside of normal work hours.)

Course Goals

Upon completion of this course students should be able to:

- 1) Understand and describe a range of inventory techniques for natural resource measurement;

Grades: It is my intention to grade and respond to student assignments within seven days, and to post these grades in Blackboard as well as returning assignments in class.

Students should feel free to talk to me about comments or grades made on any assignment or exam. All student grades, transcripts and tuition information are available on line at <http://ww.uaonline.alaska.edu> and in the blackboard grades section.

A student may request an **Incomplete** grade if there are factors beyond his/her control that affect the completion of the course AND the student has a C grade or higher at the end of the semester/course. A Faculty-Initiated **Withdrawal** is done by the instructor when the student has not met the criteria for passing the class, and is within the University-allowed drop period. A **No Basis** (NB) grade is provided if the student has not met attendance/assignment criteria, in lieu of a failing grade, provided it is after the University-allowed drop period. All are at the discretion of the Instructor.

Academic integrity: Plagiarism is using what another person has written, and using it as your own words and thoughts. Plagiarism is never acceptable.

Collaboration and correct **referencing**, on the other hand, are not only acceptable, but are important aspects of scientific research and reporting. We'll be talking about this in class.

Grading

The grade received in this course will be based upon performance on exams, homework, and lab assignments. Lab grades will be based on participation (50%) and quality of the write-up (50%). The following weighting scale will be used. Grades will not be curved, although extra credit may occasionally be available.

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Components of grade

Requirements for letter grade

DRAFT Lecture, Lab and Assignment Schedule

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| | | | | |
| 1 | | 8/28 8/30 | Introduction; measurement Accuracy, precision, bias, and estimation | |

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|----|--|-------|--------------------------------|---------------------|
| 12 | | 11/13 | Wildlife estimation | Fish age assignment |
| | | 11/15 | Mark and Recapture | |
| | | 11/16 | Lab 12: Mark and Recapture | Lab 11 due |
| 13 | | 11/20 | Wildlife case studies | |
| | | 11/22 | Rangeland and Water | |
| | | 11/23 | NO LAB -- THANKSGIVING | |
| 14 | | 11/27 | Diversity and Richness | |
| | | 11/29 | Diversity continued | |
| | | 11/30 | Lab 13: Species Richness | Lab 12 due |
| 15 | | 12/4 | Non-extractive use | |
| | | 12/6 | Non-extractive continued | |
| | | 12/7 | NO LAB possible review session | Lab 13 due |
| | | 12/16 | FINAL EXAM UAF scheduled time | |