

COURSE SYLLABUS

Instructor			
Name:	Camille Stevens-Rumann	Term:	Fall 2018
Office:	Forestry 115	Lecture Meeting Days:	Virtual
Email:	C.Stevens-Rumann@colostate.edu	Lecture Meeting Hours:	Virtual
Office Hours:	I am available by appointment	Lecture Location:	Virtual
		Course Credits:	3

Course Overview

This course is intended to reinforce the statistical principals of sampling in natural resources and their place within management decision making and monitoring. The course will start by reviewing the fundamental statistical theories and principals that make it possible for us to readily summarize inventory data. We will then discuss the general sampling process along with the merits and limitations of different sampling strategies. Finally, we will breakdown the concepts of monitoring and formalizing management objectives. By the end of the course students should be comfortable with discussing the statistical and managerial aspects of sampling and beginning to apply these concepts themselves.

Course Goals and Objectives

Students will gain an understanding of and familiarity with:

1. The base statistical theories and principals that allow us to conduct and summarize inventories;
2. The strengths and limitations of different common sampling approaches;
3. The process by which we formalize management objectives, design and execute an inventory, and learn from and adapt our process;

Course Prerequisites

None

Required Texts and Materials

None

Library & Research Help

The CSU Libraries Help Desk provides basic research and technical assistance either in person at Morgan Library or by phone at 970-491-1841. Virtual assistance is also available via the Libraries' Ask Us chat and email services (<http://lib.colostate.edu/help/ask-us>). Jocelyn Boice is the librarian supporting the Forest and Rangeland Stewardship Department and this course. Contact her for in-depth assistance at: jocelyn.boice@colostate.edu / 970-491-3882.

Important Dates to Remember

Exam 1:	Available Sept 10 – Sept 17
Thanksgiving break:	Nov 19-23
Exam 2:	Available Oct 22 – Oct 29
Module 11 Assignment:	Due Sun Nov 4
Module 13 Assignment:	Due Sun Nov 18
Module 14 Assignment:	Due Wed Dec 2

Discussions

Discussions are intended to keep students engaged with the material, while also creating a space for you to learn from each other's experiences. Each discussion will be made available the Monday that the Module begins on, your initial posting will be due by Thursday of that week and then you must complete your response by Sunday. Discussion posts will not be accepted late without prior arrangement with the instructor. You must fully participate in 10 of the 12 discussions throughout the semester, making each of these discussion worth 1.5% of your overall grade.

Quizzes

There will be every other week quizzes throughout the semester to evaluate your comprehension of course material and key concepts. Quizzes will not be accepted late without prior arrangement with the instructor. These quizzes will consist of primarily multiple choice with some short answer and quantitative questions. The best 5 graded quizzes will count towards your final grade, making each quiz worth 2% of your overall grade.

Biweekly Assignments

On opposite weeks of the quizzes you will have a more comprehensive assignment that will be short answer and quantitative questions from to modules. The best 4 graded assignments will count towards your final grade, making each quiz worth 7.5% of your overall grade.

Assignments

During the last third of the course there will be three written assignments. These assignments are intended to evaluate your ability to articulate sampling and monitoring concepts within technical writing. For each of these tasks you will be evaluated for your ability to succinctly articulate your thoughts on the subject, utilize relevant literature to support your ideas, and use proper grammar and spelling. Out of personal preference, please submit all written assignments using Times New Roman 12pt font, 1 inch margins, and 1.5-line spacing.

Basis for Final Grade

Assessment	Percent of Final Grade
Discussions (11/12)	15%
Quizzes (5/6)	10%
Bi-weekly Assignments (4/5)	30%
Written Assignments	25%
Exams (2)	20%

94-100% = A

90-93.9%=A-

87-89.9%=B+

84-86.9% = B

80-83.9% = B-

77-79.9%=C+

74-76.9%=C

70-73.9%=C-

67-69.9%=D+

64-66.9% = D

60-63.9%=D-

0-59.9% = F

Course Policies

Late Work Policy

Late quizzes and assignments will receive 10% off for everyday it is late unless a prior arrangement with the instructor is made. Students must notify the instructors at least 1 week before missing a quiz or assignment due date or they will not be allowed to make it up. For any unforeseen emergencies please contact the instructor as soon as possible to arrange other accommodations.

Grades of "Incomplete"

Per university policy, an instructor may assign temporary grade of Incomplete to a student who demonstrates that he or she could not complete the requirements of the course due to circumstances beyond the student's control and not reasonably foreseeable. A student must be passing a course at the time that an Incomplete is requested unless the instructor determines that there are extenuating circumstances to assign an Incomplete to a student who is not passing the course. When an instructor assigns an Incomplete, he or she shall specify in writing using the Department Incomplete Grade Form the requirements the student shall fulfill to complete the course as well as the reasons for granting an Incomplete when the student is not passing the course. The instructor shall retain a copy of this statement in his or her grade records and provide copies to

the student and the department head or his or her designee. (Section I.6 of the *Academic Faculty and Administrative Professional Manual*)

Disability Access

Colorado State University is committed to providing reasonable accommodations for all persons with disabilities. Students with disabilities who need accommodations must first contact Resources for Disabled Students before requesting accommodations from the professor. [Resources for Disabled Students](#) is located in room 100 of the General Services Building. Their phone is (970) 491-6385 (V/TDD). Students who need accommodations in this course must contact the professor at the beginning of the semester to discuss needed accommodations.

Universal Design for Learning

I am committed to the principle of universal learning. This means that our virtual spaces, our practices, and our interactions be as inclusive as possible. Mutual respect, civility, and the ability to listen and observe others carefully are crucial to universal learning.

If you are a student who will need accommodations in this class, please contact me to discuss your individual needs. Any accommodation must be discussed in a timely manner prior to implementation. A verifying memo from Resources for Disabled Students may be required before any accommodation is provided.

Professionalism Policy

Part of this course relies on sharing opinions and sharing information. Therefore, it is of utmost importance to communicate with courtesy and professionalism. Professional courtesy includes respecting others' opinions, being courteous and respectful, and working together in the spirit of cooperation. Sexist, heterosexist, and racist language should not be used when communicating in the course. Discussions and assignments will be graded on quality and professionalism.

Email Procedure: All email sent to the instructor for this course should contain the following in the subject line: Course Name and Number, Your Name, Short Description of your question. Please refrain from sending out e-mails to large groups of recipients as to be respectful of others. Also note that the same rules for etiquette in the online classroom (as mentioned above) apply to content in an email. Sending email that violates the rules mentioned above can result in disciplinary action taken by the school.

Classroom Technology Policies: This class will use a variety of supporting technologies within the virtual classroom. Etiquette and professional courtesy (as defined above) should be displayed when using these technologies as they are an extension of the classroom.

Academic Integrity

The Department of Forest and Rangeland Stewardship takes academic integrity seriously. At minimum, academic integrity means that no one will use another's work as their own. The CSU Writing Center defines plagiarism this way:

Plagiarism is the unauthorized or unacknowledged use of another person's academic or scholarly work. Done on purpose, it is cheating. Done accidentally, it is no less serious. Regardless of how it occurs, plagiarism is a theft of intellectual property and a violation of an ironclad rule demanding "credit be given where credit is due."

Source: (Writing Guides: Understanding and Avoiding Plagiarism)

<http://writing.colostate.edu/guides/guide.cfm?guideid=17> Accessed, January 4, 2017)

If you plagiarize in your work you could lose credit for the plagiarized work, fail the assignment, or fail the course. Each instance of plagiarism, classroom cheating, and other types of academic dishonesty will be addressed according to the principles published in the CSU General Catalog (see the Procedures for Dealing with Academic Misconduct: <http://catalog.colostate.edu/general-catalog/policies/students-responsibilities/#academicintegritymisconduct160>).

Of course, academic integrity means more than just avoiding plagiarism. It also involves doing your own reading and studying. It includes regular class attendance, careful consideration of all class materials, and engagement with the class and your fellow students. Academic integrity lies at the core of our common goal: to create an intellectually honest and rigorous community. Because academic integrity, and the personal and social integrity of which academic integrity is an integral part, is so central to our mission as students, teachers, scholars, and citizens, we will ask to you sign the CSU Honor Pledge as part of completing all of our major assignments. While you will not be required to sign the honor pledge, we will ask each of you to write and sign the following statement on your papers and exams:

"I have not given, received, or used any unauthorized assistance."