

**WILD 5700 Forest Assessment and Management (3)
Spring 2009**

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NR 326
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Description:

Detailed analysis of forest stand structure and growth. Development of silvicultural prescriptions to meet specific objectives. Analysis of costs and benefits of alternative management strategies. Emphasizes forest management to achieve a broad range of objectives (3 cr) (Sp).

Background and Objectives:

You will apply a range of skills and tools in a hands-on approach to learning. By the end of the course you will be able to conduct an assessment that will support sound management decisions. You will:

- a) set objectives and specify evaluation criteria;
- b) measure, describe and interpret forest vegetation inventories;
- c) develop, test and display likely effects of alternative silvicultural treatments;
- d) prepare written and oral reports for a stand-level project.

Schedule: TH 9:00-10:15

BNR 112B

Grading:

A. Grading will be based on:

90% or better	A
80-89%	B
70-79%	C
60-69%	D
59% or less	F

B. Percentages will be based on:

Professionalism	10%
Assignments	50%
Final project	40%

The “professionalism” component of your grade will be based on my assessment of your preparation and participation, teamwork, meeting deadlines, etc (in other words, those behaviors that you value in a colleague and employee). There will be no quizzes or exams – you will be evaluated on the quality of your work.

Reading:

There will be required readings from scientific journals, texts, agency publications, etc. I expect you to come to class prepared – this includes having read assigned material.

Accommodations for disabilities:

Students with physical, sensory, emotional or medical impairments may be eligible for reasonable accommodations in accordance with the Americans with Disabilities Act and Section 504 of the Rehabilitation Act of 1973. All accommodations are coordinated through the

Disabilities Resource Center (DRC) in Room 101 of the University Inn, 797-2444 voice, 797-0740 TTY, or toll free at 1-800-259-2966. Please contact the DRC as early in the semester as possible. Alternate format materials (Braille, large print or digital) are available with advance notice.

Academic integrity:

Each student has the right and duty to pursue his or her academic experience free of dishonesty. The Honor System is designed to establish the higher level of conduct expected and required of all USU students. Infractions (cheating, falsification, and plagiarism) and their associated penalties are described in the USU Academic Policies and Procedures Manual (www.usu.edu/policies). Click on “C” for cheating, “F” for falsification, and “P” for plagiarism.

If you have any questions about what constitutes plagiarism, CHECK WITH ME!

January	6	Review of basic forest measurements
	8	Habitat types; site quality; site index
	13	Density management
	15	Density management
	20	Density management
	22	Density management
	27	Introduction to FVS/SVS
	29	Introduction to FVS/SVS
February	3	Uneven-aged silviculture
	5	Uneven-aged silviculture
	10	Reproduction methods/silvicultural systems
	12	Reproduction methods/silvicultural systems
	17	Virtual Monday
	19	Reproduction methods/silvicultural systems
	24	Reproduction methods/silvicultural systems
	26	Stand structure and fire behavior
March	3	Stand structure and fire behavior
	5	Building resilience
	10	Spring break
	12	Spring break
	17	Managerial finance
	19	Managerial finance
	24	Managerial finance

	26	Managerial finance
April	31	Goals/objectives/evaluation criteria
	2	Goals/objectives/evaluation criteria
	7	Specialist's report
	9	Specialist's report
	14	Specialist's report
	16	Specialist's report
	21	Project review
	23	Presentations and reports due