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FOR 331.01: Wildland Fuel Management

Ronald Wakimoto

The University Of Montana

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FORESTRY 331
WILDLAND FUEL MANAGEMENT
(Aut. 2000)

GRADES -	Lab Assignments	10
	Reading Questions	10
	Quizzes	10
	Midterm	30
	Final	<u>40</u>
		100%

LAB ASSIGNMENT

- Purpose: Develop a familiarity with decision aids in wildland fuel management.
- Coverage: Three different assignments will cover fire behavior estimation and fuel inventory methods.
- Procedure: Labs will be explained and due dates assigned as the topics are covered. "Burn days" take priority over labs.

ANNOUNCED QUIZES

- Purpose: Evaluate current familiarity with specific facts.
- Coverage: Previous week's lecture and reading
- Procedure: First 15 minutes of class. Lowest quiz score is thrown out. There will only be 4 quizzes during the semester.

MIDTERM (Thursday, Oct. 19, 2000, 9:30 am until 11 am)

- Purpose: Evaluate retention of concepts.
- Coverage: All work to the date of testing.
- Procedure: Full class period test
CLOSED BOOK

FINAL (Thursday, Dec. 21, 2000, 10 am until NOON)

- Purpose: Evaluate retention of concepts and synthesis of materials presented.
- Coverage: Entire semester's work, with emphasis on the last half of the semester.
- Procedure: 2-hour exam CLOSED BOOK

Forestry 331 Wildland Fuel Management (Aut. 00)

TOPIC SCHEDULE

- Sept. 5 Intro. to wildland fuel management and Review of F230 info.
7 Discussion of fire history work and techniques
12 Fire history disc. continued
14 Intro. to downed woody fuel inventory techniques
19 Fuel inventory lab in class with discussion
21 Fuel inventory continued plus inventory of non-downed woody fuels
26 Intro. to Fire Ecology –tree, grass and shrub responses to fire
28 Fire ecology continued
- Oct. 3 + 5 **NO CLASS** – I'm at the Joint Fire Sciences Meetings in Reno, NV (Do readings)
10 Intro. to fire behavior – model assumptions, limitations, etc.
12 NOMOGRAMS and practice scenarios
14+15 **Fall Smoker at Lubrecht Forest**
17 More fire behavior discussion
19 **MIDTERM EXAM** (1-1/2 hrs. in class)
24 + 26 **NO CLASS** – Meeting on Social Acceptability of fuel management treatments and presentation to Leadership Missoula class at Lubrecht Forest. (Do assigned readings.)
31 Fuel Management Decision Process (assigned readings and disc.)
- Nov. 2 Slash fuel projections from harvest
7 **Election Day – NO CLASS**
9 Intro. to the use of fire (ignition tech., patterns, smoke mgt.)
14 Prescribed burning cont.
16 **NO CLASS** – I'm at National SAF Meeting, Washington, D.C. (Do readings)
21 Wildland fire use in wilderness and parks
23 **HAPPY THANKSGIVING!**
28 Intro. to mechanical manipulation of fuels
30 Mechanical manipulation cont.
- Dec. 5-14 Wildland/Urban Interface Fuel Management