

COURSE SYLLABUS

COURSE: Nat. Res. 201..... Forest Protection

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TEXTBOOK: Forest Insect & Disease Manual - (Furnished)
Field Guide to Diseases & Insect Pests of Idaho & Montana -
Group purchase; approx. \$8.00.
Common Tree Diseases of British Columbia - Free Phone: 250-363-0600 or
www.pfc.cfs.nrcan.gc.ca

Description of Class: This course is a Lecture/Lab combination that will cover:

The history of fire in the western US, basic fire control principals, history of fire as a management tool in the past, present, and future.

Forest insects & diseases, identification, life history, management implications, and any interrelationship with fire.

The different types of animal damage and its control, if any (time permitting).

Grading:

Three tests will be given covering fire, insects, and diseases. Attendance and participation in the classroom and field activities is expected. We will have a minimum of 21 lecture classes during the quarter. Excused absences will be granted only if a valid written excuse is presented. Any assignment turned in late will lose 10% a day it is late. **NO work will be accepted after 7 days from assigned due date.** Make up test will be given only when there is a **valid** written excuse turned into me **before** the date of the test. Make up test will be made up with in **1 week** of scheduled test date or you will receive a **ZERO (0)**.

Tentative Test Schedule:

Test #1: Fire	April 25, 2003
Test #2: Diseases	May 16, 2003
Test #3: Insects	May 30, 2001

GOALS AND OBJECTIVES: At the end of the quarter the student will be able to:

1. Describe basic fire control methods.
2. Describe history of fire suppression.
3. Describe fires role in past, present, and future natural resource management.
4. Identify different type of insects (bark beetle, defoliator, etc.)
5. Describe life history, type of damage to tree, host(s) and possible control methods for each insect.
6. Describe the management options associated with the different type of insects.
7. Identify different types of diseases (mistletoe, root rot, stem decays, blister rusts, etc.) that affect trees and forest of Washington, Idaho and Montana.
8. Describe the damage done to trees by different diseases.
9. Determine the amount of defect associated with each type of rot.
10. Identify different types of animal damage (time permitting).