

ENV 300 Fire Ecology Field Course
Summer Term 2007
Tuesday – Sunday, June 3-8, 2008

Course Instructor: Dr. Peter Schoonmaker, Illahee

COURSE OBJECTIVES

This course will examine the science and politics that guide national fire policy by using as a case study the 92,000 acre B&B Complex Fire that burned in the Deschutes and Willamette National Forests during the summer of 2003. The class will contribute to a project documenting the effects of the B&B Complex Fire, plans for restoration, and implications of state and federal fire policy for fire management in the Deschutes National Forest. Most of the class time will consist of fieldwork on a long-term fire study. The class will also visit several recent fires to better understand the dynamics of wildland fire / human interactions.

CLASS PROJECT:

The class will undertake a project documenting the course and effects of the B&B Complex Fire. Students will spend the entire week in central Oregon doing field work. Accommodation will be at Monkey Face Ranch, overlooking the Crooked River and Smith Rock State Park.

TEXT: Arno, Stephen F. and Carl E Fiedler. 2005. Mimicking Nature's Fire. Island Press.

REQUIREMENTS:

Class Participation:	50% of Grade
One Class Project:	50% of Grade

GRADING SCALE

94 points or above:	A
90-94 points:	A-
87-90 points:	B+
84-87 points:	B
80-84 points:	B-
77-80 points:	C+
74-77 points:	C
70-74 points:	C-
60-70 points:	D
59 points or below:	F

SCHEDULE

DATE	TOPICS	READINGS
Tuesday	Noon - Meet at Linfield College motor pool 3:30 PM Sisters Ranger District - site introduction. Late PM: Supply run Evening: Fire ecology overview	Arno & Fiedler & selected literature
Wednesday	AM: Site reconnaissance AM: Plant identification PM: Field sampling Late PM: visit recent fire sites	Arno & Fiedler & selected literature
Thursday	AM: Field sampling PM: Field sampling Evening: Data analysis	Arno & Fiedler & selected literature
Friday	AM: Field sampling PM: Field sampling Late PM: visit recent fire sites	Arno & Fiedler & selected literature
Saturday	AM: Field sampling PM: Field sampling Evening: data analysis and write up	Arno & Fiedler & selected literature
Sunday	AM: Field sampling as necessary PM: data analysis and write up as necessary Arrive at Linfield College by 6 PM	

POLICY ON ATTENDANCE AND PARTICIPATION

This is an intensive field course with long strenuous days. Time in the field is absolutely essential for success in this class. Students must commit to the entire week, no exceptions.

POLICY ON ACADEMIC HONESTY

The instructor assumes that written work presented without a footnote or bibliographic attribution is substantially your own. Instances of cheating or plagiarism will be prosecuted to the full extent allowed by the Student Handbook.

NOTICE FOR STUDENTS WITH DISABILITIES

Students with documented disabilities who may need accommodations, who have any emergency medical information the instructor should know of, or who need special arrangements in the event of evacuation, should meet with the instructor as early as possible, no later than the first week of classes.