G470/570 REGIONAL LANDSCAPES OF OREGON
POLICIES AND PROCEDURES

Summer Term 2000 - Western Oregon University
3 CR MTWR 11:45-12:50 PM Room 101 Natural Sciences Bldg.

INSTRUCTOR: Dr. S. Taylor OFFICE: RM 210 Natural Sciences Bldg

OFFICE HOURS: MTWR 10:30-11:30 AM PHONE: (w) 838-8398 (h) 541-753-2255
WEB SITE: www.wou.edu/taylor E-MAIL: taylors@wou.edu

COURSE DESCRIPTION:

This course provides a systematic survey of regional landscapes, physiographic provinces, and related surficial processes in the State of Oregon. Quantitative and qualitative techniques are employed to characterize physiographic regions via integrated analysis of bedrock geology, surficial geology, climatology, hydrology, vegetation, soils, topography, and land use.

SUGGESTED TEXTS:

Orr, E.L., and Orr, W.N., 1999, **Geology of Oregon**: Kendall-Hunt Publishing Co., Dubuque, IA, 254 p.

Taylor, G.H., and Hannan, C., 1999, **The Climate of Oregon - From Rainforest to Desert**: Oregon State University Press, Corvallis, Oregon, 211 p.

Taylor, G.H., and Hatton, R.R., 1999, **The Oregon Weather Book - A State of Extremes**: Oregon State University Press, Corvallis, Oregon, 242 p.

Environmental Science Research Institute (ESRI), 1999, **Getting to Know ArcView GIS**: ESRI Press, Redlands, CA, 262 p.

CLASS WEB SITE:

Class notes, lab exercises, and related materials are available for download via the internet. The class web site is at **URL http://www.wou.edu/taylor** ... and follow the links to the "G470/570" home page.

The class notes are available as Adobe Acrobat Reader files (*.pdf file). Acrobat Reader is free and is installed on many campus PC's. For home installation, Acrobat Reader is also available for download at the class web site, but you will be responsible for properly installing the software (and will do so at your own risk!).

Based on prior student suggestions, I have assembled my class notes and made them available. These notes may be freely printed at any campus internet station (e.g. ITC Bldg - Student Lab, Library, local department computer labs). The notes are in outline form and are very comprehensive. "Exam Study Guides" will also be posted on the web site as the term progresses.

EVALUATIONS AND EXPECTATIONS:

Student performance will be evaluated on the basis of lab exercises, two (2) exams, discussion group participation, and field trip summaries. G570 Graduate Students are required to prepare an additional Lesson Plan Project that will provide a model for incorporating course content into their respective classroom teaching activities. The following is a breakdown of evaluation points and letter grades:

	G470 (UG)	G570 (G)
Lab Exercises	40 pts	40 pts
Mid-Term Exam	75 pts	75 pts
Final Exam	75 pts	75 pts
Discussion Group Participation	30 pts	30 pts
Field Trip Summaries	40 pts	40 pts
Lesson Plan Project	N/A	40 pts
Total	260 pts	300 pts

Final Grading Scale

Percent Range of Total Points	Letter Grade	Percent Range of Total Points	Letter Grade
94-100%	A	77-79%	C+
90-94%	A-	73-76%	C
87-89%	B+	70-72%	C-
83-86%	B	67-69%	D+
80-82%	B-	63-66%	D
		60-62%	D-
		<60%	F

Lab Assignments: Lab exercises are comprised of in-class activities that may also require some outside work time

Exams: Exam questions will be comprised of short answer, essay, completion, and work problems. The final exam will be comprehensive with test material drawn from throughout the term.

Discussion Group Participation: The discussion group participation will involve reading relevant literature and preparing 1-page bullet-style summaries for distribution to student colleagues. Individuals will also be prepared to summarize their reading and lead the group in discussion of pertinent topics.

Field Trip Summaries: Field trip summaries will be comprised of short (2-3 pages of text, double spaced, page count does not include figures, photos, or tables) summaries of field trip activities with accompanying photographs and related figures. Students will use the following outline to structure their summaries:

I. Introduction
    A. Purpose of Field Trip
    B. Field Trip Locality
        1) Location Map
II. General Setting
    A. Physiographic Province
        1) Landforms, Features
        2) Topography
    B. Climate, Soils, Vegetation
    C. Geology
        1) Bedrock
        2) Surficial
III. Field Trip Stop Summary (for each stop include...)
    A. Location / Purpose of Stop
    B. Significant Findings
        1) Photographic Summary
        2) Related Figures / Tables
IV. Conclusion and Summary

Lesson Plan Project (G570 Graduate Students Only): Graduate students are required to prepare a lesson plan at the end of the term, outlining the details of how they will incorporate course content into their respective classroom teaching activities. Possible lesson plan items include texts, field trip ideas, lectures, class activities, homework assignments, papers, projects, etc.

OTHER REQUIRED MATERIALS:

Students will also need access to a scientific calculator, ruler, and protractor. You will be required to use these materials during lecture, lab, and exams. Please plan accordingly, or you will have trouble successfully completing the class.

STUDENTS WITH DISABILITIES

Any student who has a disability which requires accommodation, please make an appointment to see me.

G470/G570 Regional Landscapes of Oregon
Class Working Groups

Given the diverse range of backgrounds among the student population, it seems prudent to designate group leaders to aid with peer-based instruction. The function of the group leader is to serve as a liaison to the instructor and make suggestions regarding instructional needs of the class. Based on the results of the class entrance exam, surveys, and map exercise; the following individuals are recognized as class group leaders:

Katie Corwin
Kenneth Keeton
Phil Knoll
Wendell Kreder
Jeff Shultz
Lincoln Todd
Randy Wiese
Amy Whiteley

As we have 21 students in the class, let's form 4 working groups with 2 leaders in each group. The following is the working group structure:

	No. of Group Leaders	No. of Group Members	Total No. in Group
Group 1	2	3	5
Group 2	2	3	5
Group 3	2	3	5
Group 4	2	4	6
		Total	21

Group Selection Process:

Step 1. Group Leaders team up in pairs, feel free to group with your buddies and friends.
Step 2. Group Members team up with Group Leaders, feel free to group with your buddies and friends.
Step 3. Now go back and make sure every group has 2 leaders and the appropriate no. of members.
Step 4. Inform the instructor of the names of individuals in the respective groups.

Your working group will form the basis for completing lab exercises, participating in field trips, and participating in group discussion activities.