

ES473 UPDATED SCHEDULE – April 23, 2009: This outline should be considered tentative at best. The following schedule may be modified as class ideas evolve throughout the semester.

<u>Week</u>	<u>Dates</u>	<u>Class Content</u>	<u>Text Reading</u>	<u>Class Assignments</u>
1	Mar 31 Apr 2	Class Policies, Introduction Taylor off to Seattle for Meeting: In-Class Video, Lab, and Reading Assignment	Keller, Ch. 1, 4	-Intro to Quant. Apps. -Video Review Quest. -Reading/ Summary 1
2	Apr 7 Apr 9	Natural Hazards / Mitigation Overview Seismic / Tectonic Hazards	Keller, Ch. 4 Journal Articles Keller Ch. 7	-Reading/Summary 2 -Earthquake Video -Seismic Hazards Lab
Student Poster Topics Assigned for Academic Showcase.				
Theme: Seismic Hazards of the Pacific Northwest (in collaboration with ES407 Senior Seminar)				
3	Apr 14 April 16	Seismic / Volcanic Hazards Volcanic Hazards	Keller Ch. 8	Volcanic Hazards Lab
4	Apr 21	Field Trip - PSU Student Night: OR Assoc. of Environmental and Engineering Geologists; Social, Dinner, and Scientific Presentations; Starts at 5:30 PM; LV WOU at 4:00 PM		PSU Trip Summary 3
	Apr 23	Landslide and Mass Wasting Hazards	Keller Ch. 6	Landslides Lab
5	Apr 28	OSU Seminar – LiDAR Applications Draft Academic Showcase Abstracts Due		OSU Trip Summary 4
	Apr 30	Rivers and Flooding Final Academic Showcase Abstracts Due	Keller Ch 5	Poster Abstracts
6	May 5	Midterm Exam		
	May 7	Waste Management - Field Trip Coffin Butte Landfill (Lv WOU 2:30 PM)	Keller Ch 12	Landfill Summary 5 Landfill Planning Lab
7	May 12 May 14	Water Resources, Quality and Treatment Groundwater Resources	Keller Ch. 10-11 Journal Article(s)	Water Quality Lab Groundwater Video
8	May 19	Open Lab / Poster Preparation		Groundwater Lab 1
May 20 Natural Science Seminar 12:00 PM Wed. NS103 Seismicity and Cascadia Subduction Zone				
	May 21	Field Trip to Monmouth-Independence-Dallas Area (Lv 2:30 PM)		Mon-Ind-Dallas Trip Summary 6
9	May 26 May 28	Groundwater (cont.) Academic Showcase – Thurs. May 28, 2009 – Student Presentations	Keller Ch 10-11	Groundwater Lab 2
10	June 2 June 4	Showcase Poster Reviews and Summaries Watershed Restoration Overview	Journal Article(s)	AES Poster Summary
11	Week of June 8	Finals Week, check schedule		

ES473 Lab Portfolio Checklist – Spring 2009

/5	Intro to Quantitative Applications Exercise
/5	Introductory Video Review Sheets
/8	Summary 1 – Overview of Geologic Hazards in Oregon (DOGAMI PAPER)
/8	Summary 2 – Seismic Hazards in the Pacific Northwest
/5	Earthquake Video Review Sheet
/10	Seismic Hazards Lab
/10	Volcanic Hazards Lab
/8	Summary 3 – PSU Student Research Posters and Abstracts
/10	Landslides Hazards Lab
/7	Academic Showcase Abstract
/10	Landfill Planning Lab
/8	Summary 4 – OSU Lidar Seminar
/8	Summary 5 - Coffin Butte Landfill Summary
/10	Water Quality Lab
/5	Groundwater Video Review Sheet
/10	Groundwater Lab 1
/8	Summary 6 – Monmouth-Independence-Dallas Field Trip
/10	Groundwater Lab 2
/20	Academic Showcase Poster
/10	Academic Showcase Poster Summaries

Total 175 pts