

WINTER 2014
THE NATURAL ENVIRONMENT- GEOGRAPHY 141
Tuesday Thurs CRN 32798

Instructor: Jane Benjamin
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OFFICE HOURS
MW 11:25a-12:15 p
T/H 11a.-11:50p

Due to construction, MW office hours will be held in the snack bar area in the New Health Building next door.

Course Description: The Natural Environment course class focuses on a *holistic view* using a *systems approach* to understand global processes and geographic patterns. It is designed to introduce and analyze natural processes and the impact of cultural activities. Dynamic processes both natural and human create and alter earth's open systems that include atmosphere, lithosphere, biosphere, and hydrosphere. Scientific methodologies using maps, graphs, models and computer mapping techniques (GIS) will be included to analyze natural systems and human impacts on our environment and landscapes.

Required Text: *ELEMENTAL GEOSYSTEMS 7TH EDITION*
Author Robert W. Christopherson

Recommended: *Goodes World Atlas any edition. Find it cheap at Smith Family Bookstore.*

Required Reading Assignments: Chapter readings are to be at least partially completed *before* class. Be sure to use "Key Learning Concepts" chapter summaries, focus questions and glossary.

Required Attendance: Roll is taken each day either by sending around a roll sheet or gathering/handing back pop quizzes. If you miss a class, get class notes from a fellow student.

Tutoring: This class is supported by **Social Science** (not Science resource center). I am available during office hours to help with materials presented in class or in the text. If my office hours don't work with your schedule, make an appointment to meet at an alternate time.

Make ups: There are *no* make-up lecture quizzes. Make-up exams and map quizzes *may* be given but *only* with a documented illness **or** extenuating circumstances. Contact me as early as possible. ***If given - it must be completed within 4 days(not classes) after the exam date.***

Classroom Environment: Create a positive learning environment by being courteous and keeping questions related to the class. Personal conversations and cross-talk during class is disruptive/disturbing to fellow students. Save your personal questions/requests for after class or office hours. Laptops are not allowed in this class unless required by disability services or by special request. Keep cell phones and headphones off and out of sight. I'll try to do the same.

Testing: We will have 3 exams, several map quizzes and Chapter lecture quizzes. Bring a #2 pencil. No hat/caps/cell phones/electronic dictionaries are allowed. I often ask students to move during testing if work-space is crowded. Cheating or conduct contrary to LCC policies will not be tolerated.

Extra credit up to 30 points: Read **Beyond the Hundredth Meridian: John Wesley Powell and the second opening of the West.** Wallace Stegner, author. This is not an "easy read" so start early in the term. No other Extra credit is available.

Disability Services: Students eligible for academic accommodations through Disability Services should **see me during the first week** so we can go through your paperwork and provide appropriate accommodations. For more information, contact Disability Services at (541) 463-5150 (voice) or 463-3079 (TTY), or stop by Building 1, Room 218.

Date	Your Reading and Assignment	Quiz/Exam?
Week 1 Jan 7	Chapter 1. <i>Essentials of Geography</i> pp. 1-33	None
Week 2 Jan 14	PART I. Chapter 2. <i>Solar Energy Seasons</i> Atmosphere. And Water's Unique Properties 140-143.	Lecture quiz (Tues) Map quiz 1 (Thurs)
Week 3 Jan 21	Chapter 3. <i>Atmospheric Energy and Global Temperatures</i> pp. 70-103.	Lecture quiz (Tues)
Week 4 Jan 28	Chapter 4. <i>Atmospheric and Oceanic Circulation</i> Pp. 104-135. Video. Exam w/map component	Map Quiz 2(Tues) Exam I Jan 30 Chapter 1,2,3,4 part of 5
Week 5. Feb 4	Part II. Chapter 5. <i>Atmospheric Water and Weather</i> pp.144-147& 152-175. Chapter 6. <i>Water Resources: Distribution of Water/Hydraulic Cycle</i> pp.182-191 and Groundwater 200-206.	Lecture Quiz (Tues)
Week 6 Feb 11	Chapter 7 <i>Climate systems and Climate Change</i> pp. 214-249. PART IV Chapter 15 <i>Ecosystems</i> 473-484	Lecture quiz (Tues)
Week 7 Feb 18	Chapter 16 <i>Terrestrial Biomes</i> pp. 504-509.	Lecture quiz (Tues) Exam 2 Thurs (Ch. 5,6,7,15,16)
Week 8 Feb 25	Part III. Earth/Atmosphere Interface p252-253 Chapters 8 and 9. <i>Dynamic Planet</i> pp. 252-281. <i>Tectonics, Earthquakes and Volcanoes</i> pp. 282-317	<i>Map Quiz 3</i>
Week 9 Mar 4	Chapter 10. <i>Weathering, Mass movement (skip Karst)</i> <i>Landscapes</i> pp. 319-329. (Thanksgiving closure UF)	Lecture quiz (Tues)
Week 10 Mar 11	Chapter 11 <i>River Systems and Landforms</i> pp. 343-373 Video. Chapter 14 <i>Glaciers</i> Pp. 461-476&482-493	Closure.
Week 11 Mar 18	Finals week NO REGULAR CLASSES HELD Exam March 20 12:00-1:50 p.m.	EXAM 3 Mar 20

Table 2. Course Content in Points and RECORDING YOUR SCORE GRAPH

Type	Points each	Point Type	RECORD YOUR GRADES	Sub-total Scores
3 Tests	65/65/90	210	Exam 1 Exam 2 Exam 3	
Attendance	28 3per week	28	Absent dates? -1.5 ea.	
Assign/LectureQ	Random	40		
Map quizzes	Approx. 18pts.	54	1. 2. 3.	
Grand Total		332 (100%)		

Table 3.COURSE GRADING SCALE (4 credits)

A	88%	Superior comprehensive knowledge of college-level subject material and concepts of Science
B	75%	Very good comprehensive understanding college level materials and concepts of Science.
C	60%	Average college student knowledge of subject materials.
D	55%	Lacking comprehensive subject understanding.