

LaRoche, Adrea S.

From: Gill, Sharon
Sent: Friday, February 18, 2011 1:22 PM
To: Brothers, Sheila C; LaRoche, Adrea S.
Subject: Undergraduate Council Transmittal
Attachments: Psychology Minor - change.pdf; ANT 222-new.pdf; Arts and Sciences 350-DL.pdf; HIS_594new[1].pdf; HIS_597drop[1].pdf; KHP 390-change.pdf; ME 101 (01-11).pdf; NURSING Learning Outcomes_Complete.pdf; MUS 123.pdf; ANT 230-nat.pdf; GEO 130-Nat.pdf; GEO 160 revised.pdf; GEO 260 Revised.pdf; GLY120 S11 Syllabus - final.pdf; MCL_100new_GenEd_i-h.pdf; GWS 302-new.pdf; PSY 215-DL.pdf; PSY 311-DL.pdf; SPA 151-DL.pdf; WRD 110-DL.pdf; ANT 242-DL.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

The Undergraduate Council has reviewed the following proposals and approval is recommended.

College of Nursing Student Learning Outcomes

ANT 222 Middle East Cultures (new)

A&S 350 Career Development – DL (change)

HIS 594 Uses of the Past in Modern China (new)

HIS 597 Westerners in East Asia (drop)

KHP 390 Dance Activities for Schools (change)

ME 101 Introduction to Mechanical Engineering (new)

Minor in Psychology

MUS 123 Beginning Classroom Guitar (new) Gen Ed – Arts & Creativity

MCL 100 The World of Language (new) Gen Ed – Humanities

ANT 230 Introduction to Biological Anthropology (change) Gen Ed – Natural Sciences

GEO 130 Earth's Physical Environment (change) Gen Ed – Natural Sciences

GEO 160 Lands and Peoples of the Non Western World (change) Gen Ed – Global

GEO 260 Geographies of Development in the Global South (change) Gen Ed – Global

GLY 120 Sustainable Planet: The Geology of Natural Resources (change) Gen Ed - Natural

The following courses were approved for DL designation:

Sharon Gill

Digitally signed by Sharon Gill
DN: cn=Sharon Gill, o=Undergraduate Education, ou=Undergraduate Council, email=sgill@uky.edu, c=US
Date: 2011.02.18 13:12:20 -0500

University of Kentucky
Department of Earth and Environmental Sciences
GLY 120-403 / 404 – Sustainable Planet: The Geology of Natural Resources
Syllabus – Spring Semester 2011

Instructor Contact Information

Instructor: Dr. J. Richard Bowersox

Office: 328 Mining and Mineral Resources Building

Office Telephone: (859) 323-0536

Email: j.r.bowersox@uky.edu

Office Hours: M-Th 12N-1 PM, other hours by appointment

Mailbox: 101 SRB (EES Department Office), 228 MMRB (KGS Office)

Website: www.uky.edu/KGS/about/biographies/bowersoxbio.htm

TA: David Butler

Office: 309 Slone Research Building

Email: david.butler@uky.edu

Office Hours: M 1-3 PM, other hours by appointment

Mailbox: 106 SRB

Course Information

Course Hours and Classrooms: Tuesday / Thursday 5:30-6:20 PM in 303 SRB. I start promptly at 5:30 PM, so please be in the classroom and prepared at that time. Recitation sections meet on Thursday at 10:00 AM (Section 403) and 11:00 AM (Section 404) in 209 SRB.

Blackboard

I will use Blackboard for announcements, course content, assignments, possibly quizzes, and posting grades. It is your responsibility to keep up with Blackboard content. **Because there is no required text for this course, you are responsible for all material posted on Blackboard.** I post course materials, links for readings, and homework assignments. Lecture slides will be posted before each lecture so they can be printed and brought to class, and additional supplemental readings posted as appropriate.

Course Objectives

Geology provides important information on the origins of natural resources, and the amounts and volumes available for exploitation and use. The objectives of this course are to introduce you to natural resources, their production, use, and environmental cost of their exploitation. General topics, more or less in order:

- Origins of Resources;
- History and environmental impact of resource exploitation;
- Energy resources;
- Industrial and geochemically scarce metals;
- Fertilizers, chemical minerals, building materials and industrial resources; and
- Water and soil resources.

The schedule of Topics and Exams posted on Blackboard is given as a general guide to the course content. The order and timing of topics, assignments, and exams are subject to revision as necessary to meet time constraints.

Course Outcomes

After completion of this course, students will be able to:

- Define natural resources and identifies their various origins. Students will be able to give examples of a natural resource from each of the major course topics: energy, metals, chemical minerals, building materials, and water and soil resources.
- Explain the production of natural resources their utilization.
- Describe the current and historical impacts and costs associated with the exploitation of natural resources, both environmental and societal.
- Define and explain cartels and the geopolitics surrounding the exploitation and use of natural resources.

Attendance

I do not take attendance other than to verify my class roster from time to time. It is your responsibility to attend classes. When is it ok to skip classes? From my perspective, other than excused absences as outlined below, never. Realistically, there may be times when you need to miss a class. Please contact me in advance in case there are quizzes or assignments given or due on the day you will miss. Otherwise, refer to these *Lifehacker* posts for some advice:

- lifehacker.com/5334130/learn-when-its-okay-to-skip-class
- lifehacker.com/5335215/10-must+dos-for-the-first-week-of-college

Grading

Overall grade components: quizzes, including unannounced pop quizzes, and homework assignments, three exams, an open-notes campus field trip exam, and a comprehensive final exam. There will be four homework assignments (5% each) for a total of 20% of the course grade. Six in-class exercises (on alternate Fridays) worth 2% each for (total of 10% of the course grade; the lowest grade will be dropped). Your TA will introduce the projects in the recitation sections. **Homework assignments cannot be submitted by e-mail.** In-class exercises must be turned in to the TA at the end of the class period. Late homework will not be accepted. Homework assignments are due two weeks after the assignment is made. Quizzes will total 5% of your grade, the three exams will each be 10% of your grade (total 30%), the open notes campus field trip exam will be 15% of your grade, and the final exam will be 20% of your grade. In class I will give pop quizzes where you may have to write a brief summary of the lecture topics for that day, so it is important that you keep up with the readings and lecture notes and come to class. Grades will be calculated from the weighted percent score of the total points earned during the semester:

Overall grading: 90% and above = A, 80-89% = B, 70-79% = C, 60-69% = D, below 60% = E.

Note: undergraduate students will be provided on Blackboard with a Midterm Evaluation (by the midterm date) of course performance based on criteria in this syllabus. Final course grades may be determined using a grading curve, at my sole discretion, although I have not found this to be necessary. In any event, I do not curve any scores prior to calculating final course grades. Obviously, exams have the greatest weight in your final course grade, however homework assignments will be 20% of your grade so it is important that you complete and turn in all assignments.

Submitting Completed Assignments

Completed assignments are due in class on the assigned due date. Makeup of missed assignments, quizzes, and exams is only permitted in cases of excused absence with written verification for official activities and student athletes, illness of the student or of an immediate family member, family death, or incarceration with citation. The Dean of Students (859-257-3754) can assist if you need written verification for missing a class. Students missing work due to an excused absence bear the responsibility of informing me about their excused absence within one week following the period of the excused absence (except where prior notification is required).

Written Assignments

Again, no assignment may be submitted by email attachment. It is important that written assignments be completed as instructed: do not read anything more into instructions than what is given. You will be completing some assignments that may include questions on printed worksheets. These worksheets must be completed hand-written. If you find my instructions to be vague, please contact me for clarification. You will be given as much credit as possible for your written assignments, but in the end, it is my sole judgement as to whether or not you have correctly completed an assignment.

Exams

Exams may include any combination of multiple choice, matching, short answer, fill-in, and true/false questions. You may be required to use and interpret tables, graphs, maps, or diagrams, and perform some math calculations. Additional details will be provided to you in a review session before each exam. All material posted on Blackboard or presented in lectures, readings, and homework assignments should be reviewed in preparation for exams. **IF YOU MISS AN EXAM** it is your responsibility to contact me no later than the day after the exam! Email me (preferably) or call my office and leave a message, including a working phone number where you can be reached. If you have a scheduling conflict with an exam for an University sanctioned activity, you may arrange to take the exam at a different time or date. However, you must inform me as soon as possible (no later than one week before the exam). Make-up exams will only be given with excused absences as stated above, and may be in essay format. Written proof must be provided in all cases.

Final Exam

The final exam will be comprehensive, and cover all material presented in class and posted to Blackboard. I draw material for the final exam from the prior three exams, so it is to your advantage to save exam booklets and print exam keys when available. *See me if you have more than two final exams on the day of our final.* If the final exam is missed for a legitimate excuse, as outlined above, and not made up before I am required to submit grades to the Registrar, an Incomplete course grade will be entered for you and the final exam can be taken the next semester. Please be aware that the Registrar has a separate schedule of final exams dates for night classes like ours.

Extra Credit

You will have the opportunity to earn up to a total of 10 extra credit points by doing the following: Find up to five different news articles covering the natural resources issues that we discuss in lecture. Each article will be worth one point. Up to one additional point can be earned for each article by writing a brief summary of the article (one page or less). These can be submitted at any time during the semester before dead week.

Disability Accommodations

If you have a documented disability that requires academic accommodations, please see me as soon as possible during scheduled office hours. In order to receive accommodations in this course, you must provide me with a Letter of Accommodation from the Disability Resource Center, located at 2 Alumni Gym, telephone (859) 257-2754, email address jkarnes@eamil.uky.edu for coordination of campus disability services available to students with disabilities.

Academic Integrity

I encourage you to work together and study together for exams. *All assignments, projects, and exercises completed by students for this class should be the product of the personal efforts of the individual(s) whose name(s) appear on the corresponding assignment. Misrepresenting others' work as one's own in the form of cheating or plagiarism is unethical and will lead to those penalties outlined in the University Senate Rules (6.3.1 & 6.3.2).*

www.uky.edu/USC/New/rules_regulations/index.htm.

Direct copying of information and phrases from internet sites and other sources without proper attribution constitutes plagiarism. Any source used for written assignments must be properly documented. However, it is always best to submit your own work in your own words! See the UK *Student Rights and Responsibilities* handbook for a discussion of cheating and plagiarism if you have questions. The Ombud site at www.uky.edu/Ombud has more information on plagiarism. In short, do not copy or read what another classmate has written. As students and faculty in the University of Kentucky, we are all responsible for adhering to these policies.

Classroom Civility and Decorum

The university, college and department has a commitment to respect the dignity of all and to value differences among members of our academic community. There exists the role of discussion and debate in academic discovery and the right of all to respectfully disagree from time-to-time. Students clearly have the right to take reasoned exception and to voice opinions contrary to those offered by the instructor and/or other students (S.R. 6.1.2). Equally, a faculty member has the right -- and the responsibility -- to ensure that all academic discourse occurs in a context characterized by respect and civility.

FERPA

The *Family Educational Rights and Privacy Act of 1974 (FERPA)*, or the Buckley Amendment) is a United States federal law codified at 20 U.S.C. § 1232g, with implementing regulations in Title 34, Part 99 of the Code of Federal Regulations. The regulations provide that educational agencies and institutions that receive funding under a program administered by the U. S. Department of Education must provide students with access to their education records, an opportunity to seek to have the records amended, and some control over the disclosure of information from the records. With several exceptions, schools must have a student's consent prior to the disclosure of education records. From: en.wikipedia.org/wiki/Family_Educational_Rights_and_Privacy_Act. What this means is that I cannot post grades to any public area, return papers other than handing them to the you directly, or discuss any aspect of your performance in class with another person outside of the university administration without your consent. If you want your graded assignments returned to you, you will need to come to my office or my TAs office. All papers are otherwise retained by me per university policy.

Electronic Devices Prohibition

With the exception of tape or other similar audio recording devices and calculators, or as permitted as a disability accommodation, the use of a music player, cell phone, or other electronic devices is not permitted in class. **Cell phones must be put away or turned off during class.** Texting during class is both distracting to me and disrespectful of your classmates.

Nine Tips to Performing Well in GLY 120

1. Review the lecture slides and any supplemental material before class, and review your notes after class.
2. Come to every class, be on time, and stay for the entire period. Early departures are disruptive to the class.
3. Please, **TURN OFF YOUR CELL PHONES!**
4. Pay attention during the lectures and ask questions (in class, after class, during office hours, or via e-mail). A fair question to ask about any topic is, “How do you know?”
5. Take good notes. Lecture slideshow handouts for the topic to be covered will be posted to Blackboard no later than 4 PM of the day of the lecture. These handouts are for your benefit – use them as a guide for taking notes during the lecture – NOT as a substitute for attending class.
6. Know what the terms mean. Every science has a vocabulary of its own and, while I will try to keep the terms to a minimum, you need to be able to speak and understand the language to some extent.
7. Study with someone who is as committed to doing well in the class as you are.
8. Read the news or listen to the news on the radio, TV, or podcasts. Stay informed!
9. Get started on your homework and written assignments early. Web site and computer problems commonly occur when you leave assignments until the last minute!

Computer Software and Hardware

UK has a great program for providing free or deeply discounted computer software and hardware to its students, faculty, and staff. You can download Microsoft Office Professional, Windows operating systems, virus scanners, and other supported software at download.uky.edu. Discounted software and hardware can be purchased through www.uky.edu/UKIT/purchase.htm. **I cannot provide computer tech support to you.** Any assignment I post, any website I send you to, or any streaming video you need to watch, was working for me when I made the assignment. Computer and printer problems are not an excuse for turning in a late assignment. If you are have problems with your computer, or accessing a website, contact IT tech support at 859-257-1300, or visit their website at www.uky.edu/UKIT. Please be aware that there is limited support, if any, for Macs on campus so let this guide your purchase or upgrade of computer hardware.

Contacting Me

The best way to contact me is by email through Blackboard. **Please do not email me from Hotmail, Gmail, Yahoo, or any other service outside of UK.** My Outlook installation usually interprets email from these services as spam, which goes directly to a spam folder that I rarely review, and regularly gets deleted. Therefore, it is unlikely I will receive your message from any of these services. Likewise, a blank subject line may be interpreted as a spam message and deleted. Please include the course number and section in your message if you are sending from your UK Exchange account but not through Blackboard.

Copyright

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