GEOL524: Advanced Topics in Sedimentary Geology  
Spring 2016  
Syllabus

Professor: Dr. Sally Potter-McIntyre  
215C Parkinson  
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pottermcintyre@siu.edu (* best way to reach me)  
Class Time: Tuesday, 12:00PM  
Class Location: 110 Parkinson Laboratory  
Office Hours: M, W, F 9:00-10:00AM  
Readings: There is no assigned textbook for this class. Readings will be made available via D2L.

Course Objectives:  
This seminar and field course will provide an in depth examination of depositional environments and how these environments are recorded and recognized in the rock record. We will focus on diagnostic sedimentary structures in a variety of marine and terrestrial environments by reading and discussing current scientific literature to provide a thorough understanding of modern sedimentology. A unit on sedimentary petrology will teach students to recognize sedimentary minerals and microscopic features that are characteristic of particular sedimentary depositional environments. The capstone of the course will be a field trip (dates to be determined) to the Colorado Plateau to see the stratigraphy and sedimentological features discussed in class. This field trip will be student led based on the knowledge acquired during the semester through presentations and discussions.

Student Learning Objectives: Upon completion of this course, students will have an in-depth knowledge of sedimentology, stratigraphy, and depositional environments. This course will ensure that each student will 1) be able to think critically and recognize issues across a broad spectrum of subjects, 2) have a familiarity with the scientific approach to the biological and physical universe, 3) acquire basic team working skills, 4) be able to use scientific literature databases and synthesize knowledge from a variety of sources.

Course Structure: Each student will be assigned one unit that is exposed on the Colorado Plateau. The student will give a class presentation on the depositional environment of the assigned unit and then lead a discussion in the field.

Grading Policy:  
The grade for the course will be computed from the following components and their respective weights:  
Class Presentations: 25%  
Field Presentations: 75%  
Letter grades will be assigned based on the final computed grade as follows. We reserve the right to curve (in your favor).

> 90% A  
80-89% B  
70-79% C  
60-69% D  
< 60% F
COURSE POLICY REGARDING PLAGIARISM AND CHEATING

*Important: please read SIU policies available online (see link in syllabus attachment below).*

**Definition of Plagiarism**

Plagiarism is the use of another author's language, thoughts, ideas, or expressions and the representation of them as one's own original work. This includes, but is not limited to, word-for-word copying of another author’s text (even if it is another student paper or a previously turned in student paper of your own). It includes, but is not limited to, using another author’s ideas without proper citation, even if you think the idea common knowledge.

**Sanctions for Plagiarism**

All papers will be turned in to a dropbox on D2L and run through plagiarism detection software. Any student(s) whose paper returns greater or equal to 50% plagiarized material will fail the class and the student(s) will be reported to the dean for ethical violations. *THERE WILL BE NO EXCEPTIONS.* For papers with <50% plagiarized material, the penalty will be at the discretion of the professor and include: failure of the class or a zero grade on the assignment with or without a report to the dean. *In the event of a group project, all students will receive the same penalty.*

**Sanctions for Cheating**

All work on exams is expected to be your own and to be produced at the time of the exam. Any extraneous material (e.g., notes, calculators with memory functions, phones) that is visible during exams will result in a zero grade on the exam. Other methods of cheating (e.g., hacking into D2L to change grades or acquire exams prior to the test date) will be reported to the dean and the sanctions will be in the hands of the administration.
SAFETY AWARENESS FACTS AND EDUCATION
Title IX makes it clear that violence and harassment based on sex and gender is a Civil Rights offense subject to the same kinds of accountability and the same kinds of support applied to offenses against other protected categories such as race, national origin, etc. If you or someone you know has been harassed or assaulted, you can find the appropriate resources here: http://safe.siu.edu

SALUKI CARES
The purpose of Saluki Cares is to develop, facilitate and coordinate a university-wide program of care and support for students in any type of distress—physical, emotional, financial, or personal. By working closely with faculty, staff, students and their families, SIU will continue to display a culture of care and demonstrate to our students and their families that they are an important part of the community. For Information on Saluki Cares: (618) 453-5714, or sincares@siu.edu, http://salukicares.siu.edu/index.html

EMERGENCY PROCEDURES
Southern Illinois University Carbondale is committed to providing a safe and healthy environment for study and work. We ask that you become familiar with the SIU Emergency Response Plan and Building Emergency Response Team (BERT) programs. Please reference the Building Emergency Response Protocols for Syllabus attachments on the following pages. It is important that you follow these instructions and stay with your instructor during evacuation or sheltering emergency.

INCLUSIVE EXCELLENCE
SIU contains people from all walks of life, from many different cultures and sub-cultures, and representing all strata of society, nationalities, ethnicities, lifestyles, and affiliations. Learning from and working with people who differ is an important part of education as well an essential preparation for any career. For more information please visit: http://www.inclusiveexcellence.siu.edu/

LEARNING AND SUPPORT SERVICES
Help is within reach. Learning support services offers free tutoring on campus and math labs. To find more information please visit the Center for Learning and Support Services website:
Tutoring: http://tutoring.siu.edu/
Math Labs: http://tutoring.siu.edu/math_tutoring/index.html

WRITING CENTER
The Writing Center offers free tutoring services to all SIU students and faculty. To find a Center or Schedule an appointment please visit http://write.siu.edu/

AFFIRMATIVE ACTION & EQUAL OPPORTUNITY
Our office’s main focus is to ensure that the university complies with federal and state equity policies and handles reporting and investigating of discrimination cases. For more information visit: http://diversity.siu.edu/

Additional Resources Available:
SALUKINET: http://salukinet.siu.edu/co/home/displaylogin
ADVIEMENT: http://advisement.siu.edu/
SIU ONLINE: http://online.siu.edu/

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