

## **GLY4552C-Sedimentary Geology Course Syllabus and Rules of the Road Fall 2015**

Lecture MWF Period 5 (11:45-12:35); Williamson 202

Lab Wed (6-7); Wed (8-9); Fri (6-7) Williamson 215

Instructor: John Jaeger

Office: Williamson 225

Telephone: 846-1381

Email: [jmjaeger@ufl.edu](mailto:jmjaeger@ufl.edu)

Web: E-Learning Canvas

TAs: Michelle Penkrot, [mpenkrot@ufl.edu](mailto:mpenkrot@ufl.edu), Williamson 258, lab: Wed. 6-7

Kendall Salinas, [ksali6549@ufl.edu](mailto:ksali6549@ufl.edu), Williamson 266 lab: Wed. 8-9; Fri. 6-7

TAs Office Hours: TBD

Office Hours: MWF 1:30 to 3 pm or by appointment

Required Text: Principles of Sedimentology and Stratigraphy by Sam Boggs, Prentice Hall  
(5<sup>th</sup> addition preferred)

### **Content**

This course aims to develop the student's expertise in sedimentology by consideration of both theoretical and practical approaches. A broad range of techniques for the analysis of sediments will be introduced through a sequence of seven modules that contain lectures, in-class and laboratory exercises and field trips. Emphasis is placed on the study of sedimentology and its application to various topics in geology:

- Observational Sedimentology
- Critical Thinking
- Global Climate Change
- Planetary Sedimentology
- Tectonic Processes
- Subsurface Fluid Systems
- Florida Subsurface Geology

Each topic will be introduced and developed through a series of modules delivered through E-Learning.

### **Email communication**

All email correspondence to course instructor or TAs must be from your ufl.edu account, have your full name in the body of the email, and contain your course and section number in the subject line. Emails not meeting these requirements may not be recognized by our email filters, and thus may not be answered.

### **Course Website**

Course materials and related information will be posted on the course E-Learning (**Canvas**) website at <http://lss.at.ufl.edu>. You are responsible for all announcements made in class and/or posted on the course website for this course.

### **Teaching format and Attendance Policy**

The course is based upon mandatory lectures, lab assignments, field trips and class discussion. No points will be deducted for absences, but students who do not regularly attend lecture or labs will see a significant drop in their quiz and lab grades as much of the relevant material is covered in class. Notify the instructor ASAP if you have a known schedule conflict. If you miss a lab or field trip due to illness, contact the instructor as soon as you are able to so to make arrangements for make-up work.

Requirements for class attendance and make-up exams, assignments, and other work are consistent with university policies that can be found at:

<https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>

### **Assessment**

Course assessment is based upon:

On-line quizzes=40%

Lab Assignments = 50%

Final LAB Exam = 10 %

### **Grading Scale**

Point Range (%)	Letter Grade	GPA equivalent
≥ 93.00	A	4.0
90.0 – 92.99	A-	3.67
87.0 – 89.99	B+	3.33
83.0 – 86.99	B	3.0
80.0 – 82.99	B-	2.67
77.0 – 79.99	C+	2.33
73.0 – 76.99	C	2.0
70.0 – 72.99	C-	1.67
67.0 – 69.99	D+	1.33
63.0 –66.99	D	1.0
60.0 – 62.99	D-	0.67
< 60.0	E	0

Note that a “C-“ will not be a qualifying grade for critical tracking courses. In order to graduate, students must have an overall GPA and an upper-division GPA of 2.0 or better (C or better). Note: a C- average is equivalent to a GPA of 1.67, and therefore, it does not satisfy this graduation requirement. For more information on grades and grading policies, please

visit: <https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx#grades>

On-line Quizzes: At least once a week, I will post a link to a short YouTube video and/or have you read a short section from your text. I will assign a corresponding on-line Canvas quiz (usually around 10 questions) that you will need to complete before the following lecture. You will have a limited amount of time to take the quiz.

Weekly Lab Assignments –Lab assignments will accompany the particular analyses being completed that week (or weeks). There will not always be an absolute right or wrong answer for these assignments (unlike many of other lab classes you may have had). Therefore, your grade will be determined by how clearly you present your results. Late assignment policy is up to Michelle and Kendall.

Final Exam – The final will be the only lengthy in-class exam that you will have to complete. It will be comprehensive and based on lecture notes, text, and mostly labs.

**Make-Up Policy:** Students that provide me with prior notification of an absence can make up any missed quizzes. The TAs will determine their policy for missed lab assignments.

#### **For students with disabilities:**

Students who will require a classroom accommodation for a disability must contact the Dean of Students Office of Disability Resources, in Peabody 202 (phone: 352-392-1261). Please see the University of Florida Disability Resources website for more information at:

<http://www.dso.ufl.edu/drp/services/>.

It is the policy of the University of Florida that the student, not the instructor, is responsible for arranging accommodations when needed. Once notification is complete, the Dean of Students Office of Disability Resources will work with the instructor to accommodate the student.

#### **Conduct in Class**

- Please treat your instructor and fellow classmates with consideration and respect. Please be courteous and do not talk during lecture. This can be distracting to other students and the instructor. If you are late for class, please quietly sit in the back.
- Only approved electronic devices may be used in class. Approved electronic devices are laptop computers and tablets (when used to take notes or otherwise participate in classroom activities) and voice recording devices. Unapproved electronic devices include **cell phones**, video recorders, digital cameras, and MP3 players, ***so please put away your phones during class unless instructed to use them for an assignment.***

#### **Academic Honesty Guidelines**

All students registered at the University of Florida have agreed to comply with the following statement: **“I understand that the University of Florida expects its students to be honest in all their academic work. I agree to adhere to this commitment to academic honesty and understand that my failure to comply with this commitment may result in disciplinary action up to and including expulsion from the University.”**

In addition, on all work submitted for credit the following pledge is either required or implied: “On my honor I have neither given nor received unauthorized aid in doing this assignment.”

If you witness any instances of academic dishonesty in this class, please notify the instructor or contact the Student Honor Court (392-1631) or Cheating Hotline (392-6999). For additional information on Academic Honesty, please refer to the University of Florida Academic Honesty Guidelines at: <http://www.dso.ufl.edu/judicial/procedures/academicguide.html>.

### **UF Counseling Services**

Resources are available on-campus for students having personal problems or lacking clear career and academic goals. The resources include:

- o UF Counseling & Wellness Center, 3190 Radio Rd, 392-1575, psychological and psychiatric services.
- o Career Resource Center, Reitz Union, 392-1601, career and job search services.

Many students experience test anxiety and other stress related problems. “A Self Help Guide for Students” is available through the Counseling Center (301 Peabody Hall, 392-1575) and at their web site: <http://www.counsel.ufl.edu/>.

### **What you should know by the end of the class:**

By the end of this course, in which the field and practical exercises and the assessed course work form integral parts, students should be able to:

- Describe and analyze clastic sediments in the lab and the field according to set criteria
- Be able to collect, analyze, and synthesize field data into a report –develop writing and critical thinking skills!
- Recognize and interpret the major genetic types of clastic deposits
- Use sedimentological characteristics and facies as keys for reconstruction of sedimentary environments

### **Assessment goals**

The degree to which students have successfully attained these benchmarks is evaluated:

- Directly through a series of on-line quizzes that are used to evaluate the assimilation of key terminology and concepts
- Directly through a series of field and lab exercises requiring the description and measurement of key characteristics of sediments
- Directly through the final, for which students have to utilize their experiences in the lab and field to derive and interpret sedimentological data.