

GLY 210L-201 EARTH MATERIALS LAB SPRING 2009—SYLLABUS & SCHEDULE

Lab Manual: Earth Materials Lab, Bonnett and Sanderson

Instructors

Dr. Bill Niemann (S171, 696-6721, niemann@marshall.edu)

Office Hours:

- M/W/F, 10:00-11:00am
- M/R 2:00-4:00pm
- By appointment

Course Description

1 credit hour, Co-requisite course: GLY 110 or 200. An introduction to laboratory and materials as applied to the identification, classification, recovery and uses of earth resources.

Course Objectives

By the end of the semester, each student should be able to:

- Read and correctly interpret topographic maps, properly locating important features, use coordinate systems and map scales, determine slopes and construct cross-sectional profiles.
- Identify many important minerals in hand specimen, particularly the common rock forming minerals
- Identify and properly classify key rocks based on an examination of hand specimens
- Identify some key fossils and determine their importance in understanding the geologic history of an area.

Lab Attendance/ Participation/ Continuous assessment

- Attendance will be monitored through assessment of weekly exercises.
- Only legitimate excuses will be considered for missing a lab. These include **verifiable** reasons recognized by the Dean of Student Life—see current University catalog (e.g., medical, legal, or military reasons, death in the immediate family, or participation in institutional activities).
- Arriving late or cutting portions of the lab will adversely affect performance and therefore your grade for lab.
- It is strongly recommend that you do the reading before coming to lab, even though we will give a brief explanation of the topic at the beginning of each lab session.

Grading

- Four quizzes will be given (Maps, Minerals, Rocks, Fossils).
- Quiz average of highest three quizzes: 75%.
- Continuous assessment (weekly lab exercises): 25%.
- Final letter grades will be assigned as follows based on final average: A (90-100), B (80-89), C (70-79), D (60-69), F (<60).
- Grade boundaries may be adjusted downward depending on the grade distribution in the class. Any adjustments will have the effect of helping and not hurting students' grades.
- A grade of zero will be assigned for a missed quiz unless you have a University sanctioned excuse. The continuous assessment part of your grade will be based on attendance and quality and completeness of your weekly lab assignments.

Academic Integrity

- Academic dishonesty as defined in the current undergraduate catalogue will not be tolerated.
- Violations of the honor code may result in the assignment of an "F grade" for the class, and further disciplinary action as defined in the University catalog.
- **With the exception of basic-function calculators, use of any electronic device (e.g., cell phones) during an exam will be considered evidence of cheating.**

Final Thoughts

Please keep in mind that I am committed to making this course a positive experience for everyone, so don't hesitate to ask questions, or approach me with problems that you are facing in this class. Feel free to stop by my office to discuss your progress in class or go over one of your quizzes.

Students with special needs

Marshall University is committed to equal opportunity in education for all students, including those with physical, learning and psychological disabilities. University policy states that it is the responsibility of students with disabilities to contact the Office of Disabled Student Services (DSS) in Prichard Hall 117, phone 304 696-2271 to provide documentation of their disability. Following this, the DSS Coordinator will send a letter to each of the student's instructors outlining the academic accommodation he/she will need to ensure equality in classroom experiences, outside assignment, testing and grading. The instructor and student will meet to discuss how the accommodation(s) requested will be provided. For more information, please visit <http://www.marshall.edu/disabled> or contact Disabled Student Services Office at Prichard Hall 11, phone 304-696-2271.

**GLY 210L-201 EARTH MATERIALS LAB
SPRING 2009--SCHEDULE**

Day / Date	Topic	Activity
T Jan 13	Intro / Maps	Exercise
T Jan 20	Maps	Exercise
T Jan 27	Maps	Exercise
T Feb 3	Maps	Quiz
T Feb 10	Minerals	Exercise
T Feb 17	Minerals	Exercise
T Feb 24	Minerals	Exercise
T Mar 3	Minerals	Quiz
T Mar 10	Rocks	Exercise
T Mar 17	Rocks	Exercise
T Mar 24	Spring Break	No class
T Mar 31	Rocks	Exercise
T Apr 7	Rocks	Quiz
T Apr 14	Fossils	Exercise
T Apr 21	Fossils	Exercise
T Apr 28	Fossils	Quiz