

Marshall University
GLY 210L-104: Earth Materials Laboratory – Fall 2015
Syllabus

Course Title/Number	GLY 210L-104
Semester/Year	Fall 2015
Days/Time	W, 3:00pm-4:50pm
Location	COS 167
Instructor	Bill Niemann
Office	S171
Phone	304-696-6721
E-Mail	niemann@marshall.edu
Web	http://www.science.marshall.edu/niemann/ ; Also, Blackboard through My MUOnline
Office Hours	MWF: 11:00-11:30am; M: 2:00-4:00pm; T: 12:30-2:00pm; W:2:00-3:00pm
University Policies	By enrolling in this course, you agree to the University Policies listed below. Please read the full text of each policy by going to www.marshall.edu/academic-affairs and clicking on “Marshall University Policies.” Or, you can access the policies directly by going to www.marshall.edu/academic-affairs/policies/ . Academic Dishonesty/Excused Absence Policy for Undergraduates/Computing Services Acceptable Use/Inclement Weather/Dead Week/Students with Disabilities/Academic Forgiveness/Academic Probation and Suspension/Academic Rights and Responsibilities of Students/Affirmative Action/Sexual Harassment

Course Description

An introductory course in the identification, classification and interpretation of earth materials and the use topographic maps. Intended for geology majors and non-science majors seeking to partially fulfill a Core II Science requirement.

The table below shows the following relationships: How each student learning outcome will be practiced and assessed in the course.

Course student learning outcomes	How students will practice each outcome in this course	How student achievement of each outcome will be assessed in this course
Students will acquire hands-on experience with description and identification of minerals, rocks, and fossils, and measurement of mineral and rock properties	Weekly exercises	Weekly exercises & quizzes
Students will develop the ability to read topographic maps, recognize landforms, use coordinate systems and map scales, determine slope and other landform properties, and construct basic cross-sections.	Weekly exercises	Weekly exercises & quizzes

Required Texts, Additional Reading, and Other Materials

Earth Materials: A Laboratory Manual for Physical Geology and General Geology, 6th ed.,
by Bonnet et al. (2015)

Course Requirements/Due Dates

Mandatory quizzes are currently scheduled for September 23, October 28,
November 18 and December 9

Grading Policy

Quizzes (4) = 70%, Weekly exercises = 25%*, Out-of class assignments = 5%

Quiz 1 (minerals) = 20%

Quiz 2 (rocks) = 20%

Quiz 3 (fossils) = 10%

Quiz 4 (maps) = 20%

*Full credit for each weekly exercise will generally be awarded to who attend the full duration of that week's lab session and complete that week's assignment (see attendance policy below).

Attendance Policy

A daily record of attendance will be kept by circulating a sign-in list at the beginning of each class. ***It is the responsibility of each student to sign the list, and if late to sign the list or notify the instructor at the end of the lecture.*** Failure to do so may result in an official absence for that lecture. Arriving late or leaving lecture early may reduce or void credit for attendance for that day.

Absences may be excused for serious medical or legal reasons, military obligation, or university activities excused by the academic deans. **Notice of an excused absence must be received by the instructor through the office of Student Affairs** (see pages 85-86 of 2015-2016 MU Undergraduate Catalog). The Interim Dean of Student Affairs is Carla Lapelle, located on the second floor of the Memorial Student Center (2W38), 304-696-6423 or lapelle@marshall.edu.

In the case of an excused absence, any material missed can be completed, without penalty, by a later date assigned by the instructor. Failure by the student to complete the material by the assigned date will result in a zero for the assignment in question. The instructor may instead opt to assign a “no-grade,” without penalty to the student, for missed material as a result of the absence.

There will be no makeup quizzes without an official excused absence from the Dean of Students.

Note that extreme weather could result in closure of the university and cancellation of class (see page 69-70 of the 2015-2016 MU Undergraduate Catalog). In some cases, university offices could remain open but classes would be cancelled. If the weather looks bad, check your e-mail and listen for announcements on local radio and TV.

Electronic Devices

As a common courtesy to your instructor and fellow students, do not allow your phones and other electronic devices to be disruptive during class time. Use of any electronic device other than a calculator during a quiz or exam will be considered evidence of cheating.

Lab Schedule

Week	Day	Topic	Reading
1	Aug. 26	Minerals	Chapter 2
2	Sept. 2	Minerals	Chapter 2
3	Sept. 9	Minerals/Rock Density	Chapter 2
4	Sept. 16	Mineral Review / Igneous Rocks	Chapter 2/3
5	Sept. 23	Quiz #1 - Mineral ID	
6	Sept. 30	Igneous Rocks	Chapter 3
7	Oct. 7	Sedimentary Rocks	Chapter 4
8	Oct. 14	Metamorphic Rocks	Chapter 5
9	Oct. 21	Rock Review / Fossils	Chapter 5/6
10	Oct. 28	Quiz #2 - Rock ID	
11	Nov. 4	Fossils	Chapter 6
12	Nov. 11	Fossil Review / Topo. Maps	Chapter 1, Exercise 1
13	Nov. 18	Quiz #3 = Fossil ID Topographic Maps	Chapter 1, Exercise 2
	Nov. 23-27	Thanksgiving Break	
14	Dec. 2	Topographic Maps	Chapter 1, Exercise 3
FINALS WEEK	Dec. 9	Quiz #4 – Maps	