

General Geology - Spring 2017 Syllabus

GLY 110-201 CRN: 3465

Monday / Wednesday / Friday 11-11:50am - Science 276

Professor: Dr. Mitchell Scharman

Email: scharman@marshall.edu

Office Hours: M 12-1:30pm; T & R 11am-12:30pm

Office: Science 163

Phone: (304) 696-5434

Professor not available in the hour before scheduled classes; see office door for schedule.

Required Textbook: *Essentials of Geology*, by Marshak (5th ed.)

Course Catalog Description: A beginning level geology course which surveys elements of earth materials, processes, structures, and history. Designed primarily for the non-science major. Prospective majors must maintain at least a B average to use Geology 110 as a prerequisite for other geology courses. 3 credit hours; co-requisite: GLY 210L

Course Description: Introductory level geology course which surveys elements of earth materials, processes, structures, and history. This course is intended to introduce non-science majors to geologic processes and their importance to human livelihood. The goals of this course are for each student to:

- Understand the processes of rock formation and the variation of rock types
- Understand the structure of the Earth and basics of the plate tectonic system
- Understand basic surficial and groundwater processes
- Understand basic geologic hazards, how they occur, and how these affect modern society
- Understand the development of geologic resources and modern society's reliance to maintain current standards of living

Objectives:	Assessment
Understand Rock Formation Processes and the variation in rock types	<ul style="list-style-type: none">• In-class assignments• Comprehension Quizzes• Exam 1, 2
Understand the structure of the Earth and features and processes of the plate tectonic system	<ul style="list-style-type: none">• In-class assignments• Comprehension Quizzes• Exam 1, 2
Understand basic surficial and groundwater processes	<ul style="list-style-type: none">• In-class assignments• Comprehension Quizzes• Exam 3
Understand basic geologic hazards, how they occur, and how these affect modern society	<ul style="list-style-type: none">• In-class assignments• Comprehension Quizzes• Exam 1, 2, 3
Understand the development of geologic resources and modern society's reliance to maintain current standards of living	<ul style="list-style-type: none">• In-class assignments• Comprehension Quizzes• Exam 1, 2, 3

Course Assessment:

Exams: 40%

Comprehension Quizzes: 15%

In-class Assignments: 35%

Participation: 10%

Total: 100%

Grading Scale:

A - 90-100%; B - 80-89%;

C - 70-79%; D - 60-69%;

F - 0-59%

No curve will be applied, please do not inquire.

General Geology - Spring 2017 Syllabus

GLY 110-201 CRN: 3465

You are expected to keep track of your own grade as the course progresses with the above grading scheme, as the basic algebraic knowledge to calculate a current grade is within the requirements of college acceptance. You will be updated on your overall grade at least once in the semester.

Lectures: This course is taught in the style of a “flipped” classroom. A “flipped” classroom means that you are required to watch pre-recorded lectures, read assigned materials, and take notes from these sources prior to regular class time. Scheduled class time is then utilized for in-class assignments, discussion, and other learning activities.

Links for pre-recorded lectures and any other handouts for each topic will be posted a week in advance on the course’s Blackboard page. Reading assignments from the textbook for each week’s topic are listed in the schedule. It is up to you to be aware of the upcoming topics and reading assignments listed on the schedule.

Comprehension Quizzes: Comprehension quizzes for each topic in the course are taken through the Blackboard page. Quizzes are designed for you to demonstrate a basic comprehension of each lecture topic before arriving to class for the week. Each quiz will be available one week ahead of the deadline, and is to be completed 15 minutes before class time (10:45am) on the due date. Quiz due dates will be given on the Blackboard page.

In-Class Assignments and Participation: Having the lecture recordings available online does not excuse you from attending class. The regular class periods will largely be devoted to in-class assignments pertaining to each lecture topic. These assignments will give you practice in applying what you have learned from the lecture recordings, as well as some practice for quizzes and exams. Participation in the in-class assignment will be recorded.

Exams: There are two mid-semester exams and a cumulative final exam in the course. The dates and times for each exam are listed in the course schedule. The final exam date and time is set by the registrar’s office prior to the start of the semester. *No exam will be given early for any reason.* If you arrive late on exam day, you will not be allowed to start the exam if exams have already been turned in.

Attendance and Make-up Work Policy: There is no attendance policy, however, if you are regularly absent from lecture, this will lower your in-class assignment and participation grades. Make-up quizzes, assignments, and exams will only be given for University Excused Absences, which are classified as the following: serious medical reasons, legal reasons, military obligations, or university activities excused by the academic deans. Serious medical reasons are defined as student illness or critical illness / death in the immediate family; “immediate family” is defined as a spouse / life partner, child, parent, legal guardian, sibling, grandparent or grand-child. Routine doctor appointments are not excused; such appointments should be scheduled around your class schedule, not overlapping with them.

If you miss *less than 3 consecutive hours* of the course, you must speak with me about any make-up work. Note, in this case, it is up to the professor to determine whether your absence will be excused. Professor must receive proper notification / documentation of an university excused absence. Please speak to me sooner rather than later about such absences.

If you miss *3 consecutive hours or more* of class, you must speak with the Dean of Student Affairs Office. In such a case, notice of an excused absence must be received by the instructor from the Dean of Student Affairs office prior to completing the make up work.

General Geology - Spring 2017 Syllabus

GLY 110-201 CRN: 3465

There will be no make-up quizzes/assignments without a university excused absence. All excused assignments and make-up quizzes must be completed prior to taking the final exam. In the case of an excused absence, the assignment/quiz/exam must be completed by a new deadline assigned by the professor. Failure by the student to complete the quiz/exam by this new deadline will result in a grade of zero for the assignment/quiz/exam. I also reserve the right to provide an alternate quiz/exam with questions different from those on the original in-class quiz/exam.

Personal Conduct: Everyone in the course is expected to act in a professional and courteous manner. Any disruptive or offensive behavior - especially that directed at anyone else in the class - will not be tolerated. Any violation will be met with a requirement to drop the course and forfeit any associated grades.

All cell phones must be turned off, put away, and remain away, for the duration of each class period. It is extremely unprofessional, as well as a waste of the professor's and fellow student's time, if you are looking at a cell phone while a conversation/lecture/assignment is in progress. Having a cell phone out during a quiz/exam is considered cheating and will be handled accordingly.

Finally, I will only respond to emails that are written with at least a basic level of professionalism and courtesy. Email responses will be sent as soon as possible, usually within a 24 hour period. If it is something urgent, please visit me during office hours or make an appointment ASAP.

By your continued enrollment in this course, you agree with the policies in this syllabus and to the University Policies listed below:

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

The full text of each policy is available at: <http://muwww-new.marshall.edu/academic-affairs/policies/>

General Geology - Spring 2017 Syllabus
GLY 110-201 CRN: 3465

Course Schedule:

Day	Topic	Reading
MWF Jan. 9/11/13	Introduction	Prelude, Chapter 1
M Jan. 16	MLK Jr. Holiday - No Class	
WF Jan. 18/20	Plate Tectonics; Quiz 1 (W)	Chapter 2
MWF Jan. 23/25/27	Minerals; Basic Rock Groups; Quiz 2 (M)	Chapter 3, Interlude A
MWFM Jan. 30, Feb. 1/3/6	Igneous Rocks; Quiz 3 (M)	Chapters 4, 5
W Feb. 8	Exam 1 Review ; (Chapters 1-5; Prelude; Interlude A)	
F Feb. 10	Exam 1 (Chapters 1-5; Prelude; Interlude A)	
MWF Feb. 13/15/17	Weathering; Quiz 4 (M)	Interlude B
MWF Feb. 20/22/24	Sedimentary Rocks; Quiz 5 (M)	Chapter 6
MWF Feb. 27, Mar. 1/3	Metamorphic Rocks; Quiz 6 (M)	Chapter 7, Interlude C
MWFM Mar. 6/8/10/13	Geologic History; Quiz 7 (M)	Chapter 10, Interlude E
W Mar. 15	Exam 2 Review ; (Chapters 6, 7, 10; Interludes B, C, E)	
F Mar. 17	Exam 2 (Chapters 6, 7, 10; Interludes B, C, E)	
Mar. 20/22/24	Spring Break - No Class	
MW Mar. 27/29	Geologic Resources; Quiz 8 (M)	Chapter 12
F Mar. 31	No Class - SE GSA	
MWF Apr. 3/5/7	Mountain Building; Quiz 9 (M)	Chapter 9
MWF Apr. 10/12/14	Mass Wasting; Quiz 10 (M)	Chapter 13; Interlude F
MWF Apr. 17/19/21	Streams and Floods; Quiz 11 (M)	Chapter 14
MW Apr. 24/26	Groundwater Basics; Quiz 12 (M)	Chapter 16
F Apr. 28	Final Exam Review (All Reading Topics)	
Tuesday May 2 Final Exam: 10:15am-12:15pm ; (All Reading Topics)		

Notes and other important dates:

- Schedule may change throughout semester due to unforeseen circumstances.
- Jan. 9-13: Late registration/schedule adjustment (add-drop)
- Jan. 13: Last day to add a course
- Jan. 17: "W" withdrawal period begins
- Feb. 27: Freshmen/Sophomore mid-term grades
- Mar. 17: Last day to drop a course
- Apr. 29: Last day to completely withdraw from Spring semester
- May 9: Final grades due by noon