

# GEOL 101: Physical Geology – Winter 2015

**Senior Lecturer:** Ms. Keegan Fengler

**Email/phone:** keegan@geology.cwu.edu (509) 963-2706 \*BEST to contact me through Canvas\*

**Office Hours:** Lind 117C, Tuesday 10-11AM and Thursday 2-3:20PM or by appointment.

## Lecture Class Information

101.001 Class meets: Mon., Tues., Weds. and Thurs from 9:00-9:50AM in Lind 104

### Geology Lab Information

Geology 101 LAB – meets in Lind 218, you should know what time.

Lecture and lab are graded as separate classes. You will have a different instructor for your lab.

Make sure you get a lab syllabus and learn your instructors name and contact information. This is important if you need to miss or make up a lab.

For the first lab be sure to bring a calculator and pencil

## Required text and online access:

**Text:** Earth: Introduction to Physical Geology, 11<sup>th</sup> ed. by Tarbuck, Lutgens, and Tasa

### Online Access:

- I. CWU Canvas. ***I will post announcements, lecture slide, calendar and some videos.*** This is free and you should have access to this once you are fully registered for this class.
- II. My Lab and Mastering. ***You will use this for all your reading quizzes, homework, and GRADES will be posted here.*** Access to for My Lab and Mastering cost about \$38. To purchase an access code you can do it in 2 ways...
  - (1) purchase the Access Code from the bookstore (*comes with new textbooks*)
  - (2) purchase the first time you use the “My Lab and Mastering” tab with in Canvas.

## Overview of this Course

**Course Description:** An introduction emphasizing the origin and nature of the common rocks and continually changing features of the earth's crust.

**Learning objectives:** Students should complete GEOL 101 with an understanding of:

- The scientific method and its application to the development of geoscience (also to help you become critical thinkers!)
- Geologic Time
- The internal structure of the Earth
- Plate tectonic theory
- Types and origins of rocks on Earth
- The origin, type, distribution, and impact of volcanoes in the world
- The causes, type, distribution, and impacts of earthquakes on Earth
- How the crust deforms through out geologic time
- and much more!

## Components of this Course

**MG Reading Quizzes:** There will be weekly reading quizzes under the “My Lab and Mastering” link. **Quizzes are due at 9AM on the first day of lecture each week.** The quizzes will be 10 to 15 questions in length and will contain material from the reading listed for each week. These will be open book and open note quizzes. You can expect to see these questions, in a different form, on the next exam. **There will be NO make-up quizzes.**

**Assignment/Homework:** You will have 3 different types of assignment/homework this quarter.

- 1) **MG Homework:** You will have weekly homework assignments under the *My Lab and Mastering Geology* link. Each MG homework assignment will be **due on Fridays at 5PM. I do not accept late MG homework**
- 2) **In Class Activities:** Throughout the quarter there will be several in class activities. These will be completed during class. **If you are absent on an activity day, you have 2 days to complete the assignment. Not all activities are listed on the schedule.**
- 3) **Canvas Assignment:** There will be several assignments that you will complete by submitting a document to Canvas. Each Canvas assignment will be **due by midnight on the date due.**

**Midterm Exams:** There will be 3 midterm exams. Exams will consist of 2 parts; individual and group. The individual portion (*completed on your own*) will consist of 2 concept sketches and will be worth 70% of the exam grade. The group portion (*completed with the use of your textbook, notes and classmate*) will be multiple choice, short answer questions, fill in the blank, etc. and will be worth 30% of the exam grade. Midterm exams will cover all material presented since the previous exam. On exam days, **bring a #2 pencil and your student ID number**. You will receive both an exam and a scantron answer sheet, both of which must be returned to me. ***Make up exams will only be allowed if PRE-arranged with instructor.***

**Final Exam:** The final exam will be on March 16<sup>th</sup> from 8-10AM. It will be comprehensive and in pyramid style like the midterms. Again, **bring a #2 pencil and your student ID number**. You will receive both an exam and a scantron answer sheet, both of which must be returned to me. **The final is mandatory for all students.**

### Course Grading

<b>Grades:</b>	Reading Quizzes	15%
	Assignment/Homework	20%
	Midterm Exams	45% (15% each)
	Final Exam	20%

Final grades will be based on the % of total points:

A>=93%; A-=90 to <93%; B+=87 to <90%; B=83 to <87%; B-=80 to <83%; C+=77 to <80%; C=73 to <77%; C-=70 to <73%; D+=67 to <70%; D=63 to <67%; D-=60 to <63%; F=<60%

**\*\*\*There is NO extra credit and I do not grade on the curve\*\*\***

**My General Policies for Class** *These policies are in place so that all students are treated fairly in class.*

- I do not accept late online homework
- In general, there is NO extra credit. If there is a special event that your instructor feels is beneficial an extra credit opportunity maybe offered.
- If you miss class it is your responsibility to get notes from another student and check online for lecture slides and any announcements
- If you need to miss an exam (for illness or other academic obligation) you must contact your instructor as soon as you know. If you wake up ill the morning of an exam, send me an email letting me know ASAP. Make up exams must be completed with in a couple days of the original exam and is subject to your instructor's availability.

### The Learning Environment

- Please treat this classroom and your fellow students with respect by *being on time, attentive and engaged in the topics be covered.*
- College is part of your job training for a future career, so even if you do not like the topic do your best and do not take away from others learning experience.
- **REMEMBER: PLEASE- NO CELL PHONES OR TEXTING DURING CLASS.** Other Information

*"Tell me and I forget.  
Teach me and I remember.  
Involve me and I learn."*  
- Benjamin Franklin

### **How to do well in this class:**

You will be provided with everything you need to succeed in this class. All exam material is covered in class, in the book, MG homework and posted on Canvas. *I will give you one-on-one help if you ask for it.* Please feel free to ask! Simply reviewing the books and scanning the lecture slides will yield poor results. Here are my suggestions for doing well in this course:

- **Attend class.** VERY IMPORTANT.
- **Take good notes.** Understand all diagrams. *If I am drawing a concept sketch it must be important, so you should draw it too!*
- **Assigned reading material should be read before lecture.** Reading will be posted weekly. Once you know the assigned reading sections you should review the *Concept Goals* for the sections, read the sections, then review by doing the *Concept Checks*. There are more ways to review the material in the back of each chapter also.
- **Complete all homework** – I assign these for your benefit; please make sure to complete them by the due date.
- **A suggestion for studying:** Combine the information from the lecture slides with your class notes, information from the books and concept sketches. **RE\_WRITE** this information in a detailed outline format (several pages per lecture). Then, boil this down to one-half to one page per lecture and study from this abbreviated version, referring to the details when you have to. Also **RE-DRAW** your concept sketches and make sure you have as much detail as possible in them.

**Americans with Disabilities Act Statement:** Students who have special needs or disabilities that may affect their ability to access information or material presented in the course are encouraged to contact me or the office of Disability Support Services at (509) 963-2171 for additional disability-related educational accommodations.

**Academic Honesty:** CWU holds its students to the highest standard of academic integrity and honesty. Cheating is not tolerated and will result in failure of the exam, course, or expulsion from the university. The CWU academic code of conduct is clearly defined here:

<http://www.cwu.edu/~saem/index.php?page=student-conduct-code>