San Diego State University, Dept. of Geological Sciences
Geology 101 – Dynamics of Earth Laboratory
GMCS 201 Th 1400-1640
Spring 2017, schedule # 21675

TA: Nicole Fenton
Email: ncfenton102@gmail.com
Office Hours: GMCS 133, Th 0900-1100

Objective: The southern California area is filled with geologic beauty. From the beach to the mountains, San Diego and the surrounding areas are filled with history. With the United States' most active fault zones cutting straight through our backyard, the area is also full of hazards such as earthquakes, landslides and tsunamis. This class will help you appreciate the landscape of the area that surrounds you and also understand the cause of the geologic changes taking place right below your feet.

PLEASE NOTE: This syllabus is subject to change at any time. Your instructor will inform you of said changes when applicable.

You are required to read and watch videos of the corresponding chapters before your lab:
The text and corresponding laboratory manual is found online at:

www.geology.sdsu.edu/visualgeology/geology101.

PLEASE DOWNLOAD THE ADOBE SHOCKWAVE PLAYER AND USE FIREFOX TO ACCESS THE BOOK ONLINE.

ALL lab assignments are found in the course documents tab in Blackboard at:
www.blackboard.sdsu.edu

You are responsible for printing out each lab and bringing it to class:
Note that extra copies will **not** be made available during lab, and **that you are required to have read the lab before taking the quiz and turn in your completed lab at the end of class time.** See below for laboratory schedule.

Quizzes: Are based on both the text and material discussed during lab, so reading and attendance is important! Final quiz is cumulative. **Absences or tardiness during quiz time will result in a zero- no makeups quizzes will be allowed.**

How to be prepared for lab: Read the week's lab (assignment and pre-reading) and the online text in order for you to be prepared for the pre-lab lecture and quiz. Reading the lab assignment before lab is helpful because it will help you understand what is important to pay attention to during the pre-lab lecture and it will help your understanding of how to complete the lab assignment.

Expectations: The student must read the required material in order to gain knowledge and basic understanding prior to lab time. This is a good study habit for any class and will help (but not guarantee) achieve a satisfactory grade.

Grading Policy: Total grades are based on 170 points. There will be 12 labs and 11 quizzes over the semester. Each quiz is worth 5 points and each lab is worth 10 points. In addition, there will be a final quiz worth 10 points. You will have an opportunity to make-up one lab assignment, and your lowest 5 point quiz will be dropped. Grades are determined strictly on the basis of the distribution chart below. **Please note that any incomplete lab turned in will be an automatic ZERO.**

Range (percent)	***Grade***
100 – 93.3	A
93.3 – 90	A-
89.9 – 86.7	B+
86.7 – 83.3	B
83.3 – 80.0	B-
79.9 – 76.7	C+
76.7 – 73.3	C
73.3 – 70	C-
69.9 – 67.7	D+
67.7 – 63.3	D
63.3 – 60.0	D-
< 60	F

Daily Class Schedule: Class will immediately start with the weekly quiz. Please come on time because failure to be on time will result in a zero. Tardiness will also result in a zero. Following will be a short lecture about laboratory assignment. These lectures provide more detail and context to lab topic. Sometimes crucial information to the assignment will be discussed during lecture and won't be addressed in the pre-lab reading. This alone is why you should read the entire lab before class so you can pay attention to the specifics of the assignment during lecture. Lab assignments will begin after lecture and the assignment is due by the end of class time.

Class and Quiz Schedule: We will attempt to follow the schedule below as closely as possible.

Date	***Topic***	***Turn in Lab #, Take Quiz #***	***Reading/Video (Before Class)***
Jan 19	Introductions Lab 1: Plate Tectonics	***Lab 1***	Chapter 1
Jan 26	**No Lab!!!**		
Feb 2	Lab 2: Minerals	***Lab 2, Quiz 1***	Chapter 2
Feb 9	Lab 3: Igneous Rocks	***Lab 3, Quiz 2***	Chapter 3
Feb 16	Lab 4: Soils - Weathering	***Lab 4, Quiz 3***	Chapters 4-5
Feb 23	Lab 5: Sedimentary Rocks	***Lab 5, Quiz 4***	Chapter 7
Mar 2	Lab 6: Metamorphic Rocks	***Lab 6, Quiz 5***	Chapter 8
Mar 9	Lab 7: Geologic Time	***Lab 7, Quiz 6***	Chapter 9

Mar 16	Lab 8: Topographic maps	***Lab 8, Quiz 7***	Chapter 10
Mar 23	**SPRING RECESS- NO LAB**		
Mar 30	Lab 9: Structure	***Lab 9, Quiz 8***	Chapter 11
April 6	Lab 10: Earthquakes	***Lab 10, Quiz 9***	Chapter 12
April 13	Lab 11: Geomorphology	***Lab 11, Quiz 10***	Chapter 6
April 20	Lab 12: Oceans	***Lab 12, Quiz 11***	Chapter 14
April 27	Last Day – Make up one lab	***Final Quiz***	

Learning Disabilities: Students who need accommodations due to disabilities should contact me privately as soon as possible. If you require accommodations but have not registered with Student Disability Services (619) 594-6473 (Calpulli Center, Suite 3101), please do so before making an appointment with me.

Academic Dishonesty: Section 41301 of Title V of the California Code of Regulations defines academic misconduct as "cheating or plagiarism in connection with an academic program at a campus." Academic dishonesty will not be tolerated and any student behaving in such fashion will be reported to the Dean of the College of Sciences. No questions asked.