

Earth Sciences 1100 - Planet Earth: How it Works [= Geology 1100 - Introductory Geology] **Winter/Spring 2020**

Instructor: James St. John

E-mail: stjoh.2 "at" osu.edu

Website: www.jsjgeology.net/Home-page.htm

or www.jsjgeology.net/Home-page.html

Textbook: Lutgens, F.K., E.J. Tarbuck & D. Tasa. 2017 [dated 2018]. *Essentials of Geology, 13th Edition*. New York, New York. Pearson Education, Incorporated. 574 pp.

REVISED POST-BREAK SCHEDULE

<u>Week</u>		<u>Reading Assignments</u>
10 & 11 - March 9-20	<u>SPRING BREAK</u> - no class	
12 - March 23-27	<u>Finish</u> earthquakes & Structural geology (folds & faults)	Chapters 9 & 11
13 - March 30-April 3	Relative age dating & Test # 2 ("take home")	Chapters 18
14 - April 6-10	Absolute age dating & Fossils/Evolution/Extinction	Chapters 18 & 19
15 - April 13-17	Earth history (Precambrian) & Earth history (Paleozoic)	Chapter 19
16 - April 20-24	Earth history (Mesozoic) & Earth history (Cenozoic)	Chapter 19
17 - April 27-May 1	Final Exam ("take home")	

Grading: Tests (2): 35%; Final exam: 35%; Lab grade: 30%.

Final course grades: A = 92-100%; A- = 90-91%; B+ = 88-89%; B = 82-87%; B- = 80-81%;

C+ = 78-79%; C = 72-77%; C- = 70-71%; D+ = 68-69%; D = 60-67%; E = below 60%.

Grade rounding - all final course grades are rounded following these examples:

Example: 79.45% = 79% = C+ Example: 79.50% = 80% = B-

In other words, .4999 & below always round down, and .5000 & above always round up.

"Points" - every lab is equal in weight, although the number of points on each lab differs. Points on tests are relative & are used purely for ease of grading. One point on a lab does not in any way equal one point on a test. Course grades are computed using test & lab percentage grades only. Grades are not based on "points".

Course grade formula: $((T1+T2)/2) \cdot 0.35 + (\text{Final} \cdot 0.35) + ((\text{average grade of all labs}) \cdot 0.3)$

Lectures: What would have been in-class slide show lectures will be posted as unlisted youtube videos - see the links at the course webpage ("Geology 1100" link at the website given above). The videos have no sound/no audio/no narration. Slides go by automatically. Everything I would have said in class is given on the slides. Take notes as you normally do in class. Outlines and large text are the most important. Small text is to be read. The videos have settings at the lower right corner of the video screen that allow one to slow down the pace. Videos can be paused to stare at images or to have time to take notes. New lectures will be posted once or twice each week to the end of the term. When you visit the course webpage, "refresh" your computer browser to see any new links/new notices/new information.

Reading assignments: See the above schedule.

Lab: OSU has cancelled all remaining in-class lab exercises. "Virtual" versions are currently impossible. All lab supplies are at school anyway - visiting school is forbidden as of this writing.

Tests: Test # 2 and the final exam will be "take home", meaning that the tests will be posted at the course webpage (as a pdf), and students may use their geology 1100 course notes and the course textbook to answer questions. Outside references are not reliable - don't use such things. Students will return their test answers via e-mail to me ("stjohn.2" at "osu.edu") - put "Geology 1100 test 2" in the subject line of the return e-mail. Students having identical test answers as other students will be automatically failed (do the test yourself; no cheating).

Miscellaneous: The course schedule for the remainder of the term may need to be revised, due to the nature of the current situation.