

Earth Sciences 2205 - The Planets Winter/Spring 2020

Instructor: James St. John

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

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

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

Recommended textbook: Rother, D.A., N. McBride & I. Gilmour. 2018. *An Introduction to the Solar System, Third Edition*. Cambridge University Press. 434 pp.

REVISED POST-BREAK SCHEDULE

Week

10 & 11 - March 9-20	<u>SPRING BREAK</u> - no class
12 - March 23-27	<u>Finish Asteroids, Vesta, Ceres & Jupiter</u>
13 - March 30-April 3	<u>Jupiter's Moons & Test # 2 ("take home")</u>
14 - April 6-10	<u>Saturn & Saturn's moons</u>
15 - April 13-17	<u>Uranus and its moons & Neptune and its moons</u>
16 - April 20-24	<u>Pluto and its moons & Comets</u>
17 - April 27-May 1	<u>Final Exam ("take home")</u>

Grading: Test 1 - 20%; Test 2 - 20%; Final exam - 40%; Exercises (4) - 5% each.

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

Course grade formula: $((T1+T2)/2) \cdot 0.4 + (Final \cdot 0.40) + ((average\ of\ all\ exercises) \cdot 0.20)$

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 2205" 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.

Readings: See the course webpage for reading suggestions.

Exercises: OSU has cancelled all remaining in-class exercises. "Virtual" versions are currently impossible. All specimens 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 2205 course notes to answer questions. The recommended textbook & suggested readings posted at the course webpage are also OK to use. Other 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 2205 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.