

EARTH SYSTEMS: GEOL 1301 Section 611

Fall 2015 Course Duration: *Aug. 22–Dec. 2, 2016*

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Course Content: This is the lab component for course GEOL 1301 Section 600. There is a total of 100 points for this Section 601, which will be folded into the Section 600 to account for 25% for the course grade.

Student Learning Outcomes: laboratory exercises to complement with lecture-based GEOL 1301-600. The online instruction materials, prepared by Dr. Richard Harwood of Black Hawk College for Physical Geology 101 course (<http://facweb.bhc.edu/academics/science/harwoodr/GEOL101/Study2.htm>); his preparation effort and approval for academic usage are much appreciated.

Course Mechanism: This is an internet course and students complete the lab exercises in Blackboard (<https://elearn.uta.edu/webapps/login/>). For any questions about the course, you can contact the instructor by sending emails directly to maxhu@uta.edu.

Lab Schedule

Exercise	State and End Dates*	Topic	Points
1	Aug. 22 – Sep. 2	Lab Introduction and Scientific Method	10
2	Sep. 5 – 16	Metric System and Scientific Notation	10
3	Sep. 19 – 30	Plate Tectonics – Plate Motion	10
4	Oct. 3 – 14	Mineral Physical Properties and Identification	15
5	Oct. 17 – 28	Sedimentary Rock Identification	15
6	Oct. 31 – Nov. 11	Igneous Rock Identification	15
7	Nov. 14 - 25	Metamorphic Rock Identification	15
8	Nov. 28 – Dec. 7	Volcanic Materials Identification	10

*Note: the exercise will be available from 9 am of the start date to 9 am of the end date.