GEOS 1234 Historical Geology Lab Syllabus

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Lab Class: 21A (Thursday, 1pm -2:50pm, BO 117); 21B (Thursday, 1pm -2:50pm, BO 115); 21C (Thursday, 3pm – 4:50pm, BO 117).


The first labs will be held in week 2; there will be no lab in week 1.

LAB SCHEDULE

*Jan 24: Minerals and Igneous Rocks*  
*Jan 31: Plate Tectonics*  
*Feb 7: Sedimentary Rocks & Depositional Environments*  
*Feb 14: Sequences of Events & Radiometric Dating*  
*Feb 21: Stratigraphy*  
*Feb 28: Correlation & Lithofacies Analysis*  
*March 7: Midterm Lab Exam*  
*March 21: Geologic Map Interpretation & Cross Sections*  
*April 4: Fossilization & Invertebrates I*  
*April 11: Invertebrates II*  
*April 18: Invertebrates III*  
*April 25: Vertebrates*  
*May 2: Final Lab Exam*

Grading: Lab grades (assignments + exams) are worth 35% of your total grade for GEOS 1234.

11 lab assignments @10 points = 110  
2 lab exams @40 points = 190

The midterm exam will cover the first 6 labs, and the final exam will cover the last 6 labs of the course. Exams will consist of a series of questions on lab specimens set-up at individual stations.