

Historical Geology, Geology 0061, Spring 2009

Lecture: MWF 12:00 – 12:50am (Krebs 231), Lab: Th 9:00 – 11:50pm (Basement lab), 4 credits

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Office hours: MWF 4:00 – 5:30pm. Th 2:00 – 4:00. Please don't hesitate to contact me with any questions!

Textbook: Prothero, D., Dott, R.: Evolution of the Earth, 7th edition.
McGraw-Hill Higher Education, ISBN 0-07-252808-7

Tentative weekly schedule:

Day	Topic	Reading	Notes
Jan 5	Introduction	Chapter 1	
Jan 7	Floods and Fossils	Chapter 2	
Jan 9	Evolution	Chapter 3	
Jan 8	<i>Lab 1: Sedimentary Rocks</i>		
Jan 12	Evolution	Chapter 3	
Jan 14	The relative geologic timescale	Chapter 4	
Jan 16	Stratigraphy	Chapter 4	
Jan 15	<i>Lab 2: Introduction to Earth History</i>		
Jan 19	Martin Luther King, Jr. Day – no class		
Jan 21	How old is the Earth?	Chapter 5	
Jan 23	The origin and early evolution of the Earth	Chapter 6	
Jan 22	<i>Lab 3: Sedimentological principles</i>		
Jan 26	Mountain Building and Drifting Continents	Chapter 7	
Jan 28	Mountain Building and Drifting Continents	Chapter 7	
Jan 30	Midterm 1		
Jan 29	<i>Lab 4: Plate tectonics</i>		
Feb 2	Cryptozoic History	Chapter 8	Feb 5: Global warming solutions forum, UPJ Campus
Feb 4	Early Life	Chapter 9	
Feb 6	Earliest Paleozoic History	Chapter 10	
Feb 5	<i>Lab 5: Global warming solutions forum</i>		
Feb 9	Earliest Paleozoic History	Chapter 10	
Feb 11	The Later Ordovician	Chapter 11	
Feb 13	The Later Ordovician	Chapter 11	
Feb 12	<i>Lab 6: Sauk Sequence/Cambrian</i>		
Feb 16	The Middle Paleozoic	Chapter 12	
Feb 18	The Middle Paleozoic	Chapter 12	
Feb 20	The Middle Paleozoic	Chapter 12	
Feb 19	<i>Lab 7: Tippecanoe Seq./Ordovician, Silur</i>		
Feb 23	The Late Paleozoic	Chapter 13	
Feb 25	The Late Paleozoic	Chapter 13	
Feb 27	The Late Paleozoic	Chapter 13	
Feb 26	<i>Lab 8: Kaskaskia Seq./Devonian, Mississippian</i>		

