

**Fall 2009 Historical Geology
Tentative Schedule [updated 8/27/09]**

WEEK	DATE (M/W)	CHAPTER	LECTURE TOPIC	LAB TOPIC
1	Aug. 31	1, 3	Rock Cycle	Rock Overview
	Sept. 2		Tectonic Cycle	Plate Dynamics
2	Sept. 7	2	Rocks and Minerals	Rock and Mineral Review
	9	4	Geologic Time	Relative and Absolute Dating
3	Sept. 14	6	Sedimentary Rocks	Sedimentary Rock Classification
	16		Sedimentary Environments	Sedimentary Rock Interpretation
4	Sept. 21	5	Stratigraphy	Stratigraphy and Geologic Maps
	23		EXAM #1 (Ch. 1-6; Wk 1-4A)	
5	Sept. 28	1	Early Solar System History	Planets and Moon
	30		(con't.)	Meteorites & Impact Materials
6	Oct. 5	8-9	The Precambrian: Archean and Proterozoic	Precambrian Rocks
	7		(con't.)	Rock Review
7	Oct. 12	7	LAB MIDTERM – Interpreting the Rock Record	Biostratigraphy and Paleoenvironmental Analysis
	14		The Fossil Record: Taxonomy	
8	Oct. 19	7	The Fossil Record: Taphonomy	Fossil Preservation
	21		EXAM #2 (Ch. 7-9); Wk 5-8A)	
9	Oct. 26	10-13	Paleozoic	Paleozoic Paleogeography and Paleoenvironments
	28		(con't.)	Paleozoic Marine Fossils
10	Nov. 2	10-13	Paleozoic	Paleozoic Plant Fossils
	4		(con't.)	
11	Nov. 9	14-15	Mesozoic	Mesozoic Paleogeography and Paleoenvironments
	11		(con't.)	Mesozoic Fossils
12	Nov. 16	14-15	The K/T Event	K/T Extinction Event
	18		(con't.)	Craters and Impacts in Earth History
13	Nov. 23		EXAM #3 (Ch. 10-15); Wk. 9-12	
	25		THANKSGIVING HOLIDAY	
14	Nov. 30	16-18	Cenozoic	
	Dec. 2		(con't.)	Cenozoic Fossils
15	Dec. 7	19	LAB FINAL – Interpreting the Fossil Record	
	9		Holocene/Review for Final Exam	
	Dec. 11	1-19	FINAL EXAM – 12:45-2:45 p.m. Friday 12/11	

Criteria for Determining Final Grade:

Lecture Exams (100 points each):	300 points
Lab Tests (100 points each):	200 points
ECampus Assignments (average):	100 points
In-Class Questions (average):	100 points
Lab Exercises (average):	100 points
Comprehensive Final Exam:	<u>200 points</u>
Total for class =	1000 points

The grading system of Blinn College recognizes the following grade values:

A = 90 – 100% mastery of course material		
B = 80 – 89%	“	“
C = 70 – 79%	“	“
D = 60 – 69%	“	“
F = less than 59%	“	“

Textbooks and Other Materials:

Textbook: *Historical Geology (6th ed.)*: by Wicander & Monroe, 2009 (Brooks/Cole Cengage Learning)

Lab Manual: *Blinn College Historical Geology Lab Manual*: Prentice Hall Custom Publishing.

Additional class and lab materials will be available through ECampus or distributed in class or via email.