

History of Earth and Life Laboratory

Syllabus

Fall 2005, Time: Monday and Wednesdays 12:30 - 1:45 pm, Room - FN 2.202

Instructor: Dr. Ignacio Pujana (F0 2.616, Office 972-883-2461, Office Hours - by appointment, any time.

E-mail: pujana@utdallas.edu

Teaching Assistants:	
Li Sun E-mail: lx025100@utdallas.edu Office Hours: By Appointment	Eric T Tangumonkem E-mail: tayemalung@student.utdallas.edu Office Hours: By Appointment

Course Requirements:

Equipment: Ruler, pencils, and eraser.

Corequisite: GEOS 1304

Grading: Quizzes - 30%, Hand-In Assignments - 40%, Final Lab Quiz - 30%

The lab will give you hands-on experience in recognizing different types of sediments that form sedimentary rocks, different types and ages of fossils, and how fossils and sedimentary rocks can be combined to map the paleogeography of the earth. The lab will also present several map examples from which you will interpret the geologic history of that map area. The course will end with an exercise on Hominid Evolution. This lab course accompanies the lecture course GEOS 1304.

Fall 2005

GEOS 1104

Lab. Instructor: *Dr. Ignacio Pujana*

This Lab course provides an overview of major earth systems and the history of the earth through geologic time. Fossils and evolution of life on earth, paleogeography and plate-tectonic history of the earth, evolution of humans and impact of earth's future from a geological perspective.

Fall 2005 LAB SCHEDULE

It is required to read the material indicated before your lab time.

DATE	LAB TOPIC	MATERIAL FOR LAB (NORMALLY POSTED IN WEBCT)
M-August 22	Introduction	Syllabus (Online) and Web Ct use
W- August. 24	Minerals, Sediment and Rock Show	
M- August. 29	Sediment and Sedimentary Rocks	
W-August 31	Sediment and Sedimentary Rocks	
M-September 5	Sedimentary Rocks	
W- September. 7	Sedimentary rocks	
M- September. 12	Rock and Sediment Quiz (15 %)	
W- September. 14	Fossils	
M- September. 19	Age and Fossils	
W- September. 21	Age and Fossils	
M- September. 26	Age and Fossils	
W- September. 28	Age and Fossils	
M-October 3	Fossil and Geologic time Quiz (15%)	
W-October 5	Stratigraphy	
M- October 10	Stratigraphy	
W- October 12	Stratigraphy	
M- October 17	Stratigraphy	
W- October 19	Stratigraphy	
M- October 24	Stratigraphy	
W- October 26	Stratigraphy Assignment due (20%)	

M-October 31	Block Diagrams and Maps	
W- November 2	Block Diagrams and Maps	
M- November 7	Block Diagrams and Maps	
W- November 9	Block Diagrams and Maps Due (20%)	
M- November 14	Hominid Evolution	
W- November 16	Hominid Evolution	
M- November 21	Comprehensive EXAM with emphasis in Geologic interpretation	
W- November 24	Grade review	
M-August 22		Last day of classes
W- August. 24	Thanksgiving	
M- August. 29		