

Earth Science 203 Historical Geology

TAMU-C Spring, 2014

Instructor: L. Bradshaw, M.S.

Office Hours: By appointment

Phone: 903/468-8153

Email: Use the email button on the course website.

Class: Online

Days : MTWRFSU

Textbook: Changing Earth, by Monroe and Wicander. Sixth ed.

Lab Manual: Labs will be provided.

Hours: 4

ESCI 203 - History of the Earth Hours: 4 Lecture Lab/ Clock Hours (3 lecture, 2 lab) Summary of the physical and biological history of the earth, with emphasis on North America; sequence of physical geological events and evolutionary changes in life. Laboratory includes the reconstruction of geologic history of various regions through interpretation of geologic maps, structure sections and simple paleontological techniques. Field trip included. Note This is a University Studies course. When Offered (Spring)

Prerequisites: None

Objectives:

Students will know the key players who postulated evidence for the evolution of the planet.

Students will gain an understanding of how North America evolved.

Students will have a broader understanding of fossilization and how this process has preserved evidence of evolution among species.

Students will learn critical thinking skills through the evaluation of scientific evidence

Grading:

Exams 40%

Quizzes: 30%

Labs: 30%

The type of questions on the exams and quizzes will be true/false, fill in the blank, or multiple choice questions. You must learn the material to do well in the class. Please over study for the first quiz. Then you will know how the quizzes and exams are structured.

Make-up Tests: You will be allowed to make up a quiz or exam if you have an absence that is approved by the university (See the student handbook).

You will be expected to provide documentation that your absence is approved by the university.

Attendance: Students are expected to read, do assignments, and check the website often. A student who does not do these things cannot expect to do well in this class. If you are unable to log on regularly you should withdraw. If you do not withdraw from the class, you will not be “dropped”.

**Obligatory Statements:**

**Plagiarism** is a criminal activity. You must cite all sources of information. Copying of material, whether parts of sentences, whole sentences, paragraphs, or entire articles, will result in a score of zero for your assignment and can result in further disciplinary action.

**Collusion:** Is intentionally aiding or attempting to aid another in an act of scholastic dishonesty, including but not limited to, providing a paper or project to another student; providing an inappropriate level of assistance; communicating answers to a classmate during an examination; removing tests or answers from a test site, and allowing a classmate to copy answers.

**Students with Disabilities:**

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation for their disabilities. If you have a disability requiring an accommodation, please contact:

**Office of Student Disability Resources and Services, Texas A&M University – Commerce, Halladay Student Services Building,**

**Other info:** Please turn off all electronic devices before lecture begins. No telephones, headphones, or recorders are allowed. This includes cell phones. Please keep talking to a minimum. A student who repeatedly disrupts will be asked to leave the classroom and will be reported to the Head of the Department and to the Dean.

**Last date to withdraw:** April 25th.

How to use the class website:

On the left side of the webpage there are a series of weeks, you will start with week one.

Inside each week are the assignments for that week.

Usually there is a reading assignment, a PowerPoint to supplement it, a lab, and a quiz.

The reading assignment, the PowerPoint, and the lab are open all week. (you can access them at any time from Monday thru the following Monday) You can access them at any time but the any assignment must be done by Monday at 11:59.

For example: Our class starts today (Monday 1/20/14). You can access everything but the quiz. The lab is due by Monday 1/27/14 at 11:59 (you can turn it in early), at 11:59 the dropbox will close and will no longer accept assignments. The quiz will open at 12am on Monday morning and stay open until Tuesday 1/28/14 giving you 48 hours to access it. You can take the quiz anytime during those 48 hours but at 11:59 on 1/28 the quiz will close and you can no longer access it.

The quiz is only open for a 48 hour period. You must access the quiz during this time period or it will close and you will no longer have access. You will receive a zero for any quizzes that you miss.

For questions about the work please use virtual office so I can address everyone at once. If you have questions about you personally please email.

If you have an approved absence we will decide upon a time for you to make up the quiz.

Week 1 – Historical Astronomy

Week 2 – Plate Tectonics

Week 3 – Exam

Week 4 – Evolution

Week 5 – Hadean, Archaen, Proterozoic

Week 6 – Exam (in preparation please read ch. 20 and study info from weeks 4,5, and 6.

Week 7 – Beginning of Life

Week 8 – Spring Break

Week 9 – Weathering, Erosion, and soil

Week 10 – Sedimentary Rocks

Week 11 – Mesozoic

Week 12 – Exam

Week 13 – Mesozoic

## Week 14 – Cenozoic

This schedule is subject to change. If changes occur you will be notified via the announcement section on the class webpage.