

Division of: Natural Science
Department: Earth Science
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Course Data:

Prefix No.	Course Title	Credit	Instructor	Sections	Meeting Times	Room
ESC 101 F	Earth Science Survey	3	Marc Willis	20829	M/W 9:00-10:20am	615

Office Hours: See attached page

Prerequisite (s): None

Catalog Course Description: *Earth Science Survey – This is a general survey of geology, oceanography, meteorology, and astronomy. Topics include earthquakes, volcanoes, global current patterns, hurricanes, tornados, stars, and planet evolution. Field trips may be taken.*

I. Course Objectives:

The goal of the course is to teach students at a minimum to recognize and describe a broad range of Earth processes that include the following: Plate Tectonics, Earth's Composition, The role of water, the relationship between Oceans/Winds/Weather, and the Sun's Solar System. The student will come away from the course with the ability to identify current events in the context of Earth system.

It is presumed students will spend a **minimum of two hours** outside the classroom studying for each hour in the classroom in order to meet the course objectives.

II. Resources utilized:

- A. Required textbook (s) / workbook (s): *Foundations of Earth Science* by Lutgens & Tarbuck, 5th edition
- B. Other resources utilized: pencils/ pens along with notebook paper will be needed for lectures

III. Evaluation methods to monitor progress toward attaining course objectives:

Exams	Homework	Quizzes
Final Examination	In Class Assignments	

VI. Attendance

Attendance will be taken during each class. In order to get credit for attendance the student must be present for the entire class. To encourage attendance quizzes will be given randomly throughout the term.

VII. Exams/Quizzes/Homework/CA

- A. Examinations – Exams will typically be short answer, multiple choice, fill in the blank, and short answer. If a student arrives after the first student completes the exam, then the late student will not be allowed to take the exam. Exams and the final will be closed book. You will need a Scantron: Quizzstrip Form No. 882-E
- B. Quizzes – Quizzes will typically be short answer, multiple choice, fill in the blank, and/or short answer. Quizzes are individual effort; however, a student can use there own notes and textbook while taking the quiz.

- C. In Class Assignments (ICA) – ICAs will consist of projects to be performed in class both in groups and individually.
- D. The final exam will cover materials discussed in class after the last exam and will also be cumulative. If a student arrives after the first student completes the final, then the late student will not be allowed to take the final.
- E. No make-ups for missed exams will be given with the exception of the final exam. Instead one exam score will be dropped from consideration. In the case of missing the final exam a make-up final can be taken; however, make-up finals will be harder than the original final. The make-up final must be made up within the finals week. Students should make every effort to contact the instructor prior to missing the final in order to schedule an alternate time.

VIII. Grading Policy

- A. Points
 1. Exams = 25 pnts @ 4 exams = 100 pnts – 25 pnts (drop 1 exam) = **75 pnts**
 2. Homework/ICA/Quiz = 10 pnts @ 10 = 100 pnts (drop 1) = **90 pnts**
 3. Final = **50 pnts**Total = **215 pnts**
- B. Grading Scale will be:

A = 90% to 100%	C = 65% to 79%	F = Less than 54%
B = 80% to 89%	D = 55% to 64%	

Class participation will be taken into account when grades are borderline.

IX. MyGateway

- A. Communications between instructor and student.
- B. Provide additional recourses for students
- C. Students will be required to log in to MyGateway as part of the course.

X. Class Preparedness

- A. Taking notes is highly recommended.
- B. Bringing the text to class will help when taking quizzes.
- C. Both pencils and pens will be needed for lectures.
- D. Read assignments.

XI. Student Obligation

- A. Students will follow the policies and procedures of Fullerton College. Most of these policies and procedures can be found in the most current Fullerton College Catalog. Students are responsible for knowing the current policies and procedures. Be particularly familiar with the plagiarism policies. Direct quotes are not acceptable for students work in this course.
- B. For help outside of class contact me by the following means: telephone, e-mail campus mailbox, or office hours. Contact information can be found at the beginning of this document.
- C. Attend lecture on a regular basis. Attending and being on time to class indicates an interest in the subject and could have an effect on borderline grades.

- D. Unlike most college classes, this specific class will not count spelling against the student for work done during classroom time. This is due to the instructor being dyslexic. The exception to this policy is in cases where the instructor cannot decipher the word. Being able to spell accurately is an important skill and as such spelling will count on work done outside the classroom such as homework assignments.
- E. Extra credit is offered at the instructor's discretion.
- F. After an exam has been returned a student can request a review of the exam answers during class time. However, I will only discuss a student's specific grades outside the classroom.
- G. Computers are not allowed to be used during lecture.
- H. No disruptions will be tolerated during instructional time. A disruptive student will first receive a verbal warning, and if the problem persists then a student/teacher meeting will be held to resolve the issue. If the behavior does not improve, then the student will be dropped from the class. A disruption to the class can come in the following form, but is not limited to these forms: cell phone(s), beeper(s), talking to other students, talking to yourself, sleeping, moving around the classroom, and any activity that interferes with another student's ability to learn in class.

Fullerton College: Course Outline & Syllabus Earth Science Survey

Topic Outline for: Course No.: ESC 101

Course Title: Earth Science Survey

Week	Dates	Lecture Topic(s)	Readings	Notes
1	Jan. 19	Introduction & Our Solar System	Ch In. & 15	
2	Jan. 24/26	Our Solar System & Stars	Ch 15 & 16	
3	Jan. 31/ Feb.2	Stars	Ch 16 & 1	
4	Feb. 7/9	Minerals & Rock Cycle	Ch 1	Exam # 1 (Ch. Int, 15 & 16)
5	Feb. 14/16	Igneous/Weathering/Sedimentary/ Metamorphic Rocks	Ch 2	
6	Feb. 21/23	21st is a Holiday Igneous/Weathering/Sedimentary/ Metamorphic Rocks Plate Tectonics	Ch 2 & 5	
7	Feb. 28/ Mar.2	Plate Tectonics	Ch 5	
8	Mar. 7/9	Earthquakes & Faults	Ch 6	Exam # 2 (Ch. 1, 2, & 5)
9	Mar. 14/16	Volcanoes	Ch 7	
10	Mar. 21/23	Mass Wasting & Running Water	Ch 3	
11	Mar. 28/30	Running Water & Groundwater	Ch 3	
12	Apr. 4/6	Seawater & Ocean Floor	Ch 9	Exam #3 (Ch. 3, 6 & 7)
13	Apr. 11/13	Seawater & Ocean Floor	Ch 9	
14	Apr. 18/20	Spring Break		
15	Apr. 25/27	Restless Ocean	Ch 10	
16	May 2/4	Atm. Composition	Ch 11	
17	May 9/11	Precipitation & Atmospheric Motion	Ch 12 & 13	
18	May 16/18	Weather	Ch 14	Exam # 4 (Ch. 9, 10 & 11)
	May 23	Final Exam 9:00 to 10:50 [including Ch. 12, 13 & 14]		

This schedule is subject to change either verbally or in writing.