

Summer 2023

Earth Science ESC1000-70

I. Course Information

Course Title: INTRO TO EARTH SCIENCE Office Location: 2-218C
Course No. and Section: ESC1000-70 Virtual Office Hours: Mondays 11:00 – 12:00 p.m.,
Instructor Name: K.T. KIM Or by appointment
Credit Hours: 3
Course Location: Online Telephone No.: 352-854-2322 ext. 1434
Meeting Dates: Online Email: Please send an email **through Canvas!**
Meeting Times: Online

Extended Emergency Closure

“For emergency campus closings (natural disasters, etc.) call 352-291-4499 or 800-831-9244 or check our [website](#) (CF.edu).”

II. Course Description

The main objective of this course is to introduce students to the basic concepts and current theories in the fields of geology, oceanography, meteorology, and astronomy.

Required Text Title: Earth 3 ISBN No.: ISBN-13: 978-1-357-11656-2
Author of Text: Hendrix and Thompson
Edition: 3

III. Student Learning Outcomes/Course Objectives (example below)

Learning Outcomes & How Measured

1. Identify landscapes, understand the natural processes, and learn the theories and evidences.
How Measured: Classroom Activity and Assignment
2. Identify and organize relevant information and complete the solution of an applied problem.
How Measured: Quiz and Exam
3. Interpret and communicate understanding of visual representations of data.
How Measured: Classroom Activity and Discussion

IV. Assessment

Exams

There will be **five** exams. There are 49 multiple choice questions and 1 fill-the-blank question.

If you have to miss one of the exams you must notify me at least 48 hours in advance in order to be able to make-up the exam earlier. **Only one make-up exam opportunity can be given with**

an instructor's permission. (However, we do not know what the future brings us, so you may still contact me to ask a favor. ☺ Do not abuse it!)

Quizzes

10 Quizzes will be given during the semester on Canvas. There is no time limit and you can use any materials for the quiz.

Most quizzes have the due on Sunday before each exam. Each quiz may be open until the Saturday of the exam week. **For any late quizzes, there may be some deduction points.**

Assignments

There are **10 assignments**. The directions will be given through the Canvas announcements, and all assignments should be submitted **through Canvas**. Most assignments have the due on Sunday before each exam. **For any late assignments, there may be some deduction points.**

Participation/Attendance

Class participation/attendance is evaluated by attendance, participation, and comments left on the discussion. Everyone is required to write at least the answer of the fill-the-blank question.

Exams	60%	Participation	10%
Assignments	20%	Quizzes	20%

A	>89.5%	B+	86.5-89.4%
B	79.5-86.4%	C+	75.5-79.4%
C	69.5-75.4%	D	59.5-69.4%
F	<59.4%	FF	Violation of Academic Integrity

V. Course Schedule/Outline

Date	Topic
May 15	Introduction
May 15	CH 1 Earth Systems
May 16	CH 2 Minerals
May 17	CH 3 Rocks
May 18	CH 4 Geologic Time
May 22 ~ 28	Exam 1
May 22	CH 5 Resources
May 23	CH 6 Plate Tectonics
May 24	CH 7 Earthquakes
May 25	CH 8 Volcanoes
May 29 ~ June 4	Exam 2
May 29	CH 9 Mountains
May 30	CH 10 Weathering, Soil, and Erosion
May 31	CH 11 Fresh Water
June 1	CH 12 Water Resources
June 5 ~ 11	Exam 3
June 5	CH 13 Glaciers; CH 14 Deserts and Wind
June 6	CH 13 Glaciers; CH 14 Deserts and Wind

June 7	CH 15 Ocean Basins
June 8	CH 16 Oceans and Coastlines
June 12 ~ June 18	Exam 4
June 12	CH 17 Atmosphere
June 13	CH 18 Energy Balance in the Atmosphere
June 14	CH 19 Weather
June 15	CH 21 Climate Change
June 19 ~ 25	Exam 5

STATEMENT: Due to unforeseen happenings, it may be necessary for the course assignment schedule to be altered. The instructor will always strive to be fair about any changes.

rses & scheduled times that you will need for your degree and major.