

# Fall 2022

Earth Science  
ESC1000-02

## I. Course Information

Course Title: INTRO TO EARTH SCIENCE      Office Location: 2-218C  
Course No. and Section: ESC1000-02      Office Hours: Monday 8-12:30, 3:30-5;  
Instructor Name: K.T. KIM      Tuesday 8-9:30, 12:15-2, 3:15-5;  
Credit Hours: 3      Or, by appointment.  
Course Location: 2-114      Telephone No.: 352-854-2322 ext. 1434  
Meeting Dates: Tuesdays and Thursdays      Email: Please send an email **through Canvas!**  
Meeting Times: 9:30-10:45 a.m.

### 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

### 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 will 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 will be open until the Saturday of the exam week. **For any late quizzes, there will 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 will be deduction points.**

### Participation/Attendance/Discussion

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%**  
Assignments **20%**

Participation **10%**  
Quizzes       **20%**

**A** >89.5%

**B** 79.5-86.4%

**C** 69.5-75.4%

**F** <59.4%

**B+** 86.5-89.4%

**C+** 75.5-79.4%

**D** 59.5-69.4%

**FF** Violation of Academic Integrity

## V. Course Schedule/Outline

Date	Topic
August 16	Introduction
August 18	CH 1 Earth Systems
August 23	CH 2 Minerals
August 25	CH 3 Rocks
August 30	CH 4 Geologic Time
<b>September 1</b>	<b>Exam 1</b>
<b>September 6</b>	<b>Labor Day</b>
September 8	CH 5 Resources
September 13	CH 6 Plate Tectonics
September 15	CH 7 Earthquakes
September 20	CH 8 Volcanoes
<b>September 22</b>	<b>Exam 2</b>
September 27	CH 9 Mountains

September 29	CH 10 Weathering, Soil, and Erosion
<b>October 4</b>	<b>Faculty Professional Development Day</b>
October 6	CH 11 Fresh Water
October 11	CH 12 Water Resources
<b>October 13</b>	<b>Exam 3</b>
October 18	CH 13 Glaciers
October 20	CH 14 Deserts and Wind
October 25	CH 15 Ocean Basins
October 27	CH 16 Oceans and Coastlines
November 1	Movie/Review
<b>November 3</b>	<b>Exam 4</b>
November 8	CH 17 Atmosphere
November 10	CH 18 Energy Balance in the Atmosphere
November 15	CH 19 Weather
November 17	CH 21 Climate Change
November 22	Movie/Review
<b>November 24</b>	<b>Thanks Giving</b>
<b>November 29</b>	<b>Exam 5</b>

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

The College of Central Florida is committed to helping you succeed and achieve your academic, personal and career goals. There are a wide range of resources and support services available to you. When you connect to resources and support systems on campus early, you are much more likely to be successful in your classes and complete your path more quickly. One example is through an Early Support Program, where you may receive an email indicating your professor or advisor is reaching out directly to help connect you to support services. This may include connecting you to tutoring, financial support, psychological support services, and disability services just to name a few. Be aware, you can also reach out to these services on your own as well. Additionally, we offer free tutoring, disability services, a testing center, and many other resources which are all available to you.

[Please refer to the College Resources, Dates, and Policies document in your Canvas course to learn more about these supports and policies.](#)