

EARTH SCIENCE 1140

Fundamentals of Earth Science

This is an information sheet only, not the course syllabus.

COURSE DESCRIPTION

(IAI P1 905L)

An introduction to the study of the Earth as a planet. Topics from the disciplines of astronomy, meteorology, oceanography, and geology are explored to develop an appreciation of our planet as an integrated system. Includes analyses of the dynamic processes of the Earth's interior, surface, oceans, atmosphere, and astronomical surroundings. **Prerequisite:** Math 0481 with a grade of "C" or better or equivalent qualifying score on math placement test. (*4 credit hours*)

REQUIRED AND RECOMMENDED COURSE MATERIALS

Please follow the instructions below to locate information on the textbook and other materials for this course.

1. From [COD home page](#), click on **myACCESS**.
2. Click on **Search for Credit Classes**.
3. From the **Term** drop-down box select the term.
4. Choose your course from the **Subjects** drop-down menu.
5. In the **Course #** field, enter your course number.
6. In the **Section** field, enter the course section number if known.
7. From the **Course Types** drop-down menu select **Internet/Online**.
8. Scroll to the bottom of the page and click on **SUBMIT**.
9. Click on the **Section Name and Title** link.
10. Click on [Click here for prices of required textbook\(s\) and supplies](#) and course material information will be displayed.

Alternatively, you can visit the [COD Bookstore](#) website to find this information.

Earth Revealed Laboratory Kit, Burminco Edition. **Contact COD Bookstore to order**

COURSE OUTLINE

Unit	Topics
One	Solar System, Earth-Sun Relationships, Atmospheric Heating
Two	Atmospheric Moisture, Ocean Currents, Mid-Latitude Cyclones
Three	Running Water, Ocean Salinity/Density
Four	Ocean Floor, Plate Tectonics, Continental Drift, Earthquakes, Volcanoes
Five	Minerals, Rocks, Geological Time

EVALUATION/GRADING

Course Components Subject to Evaluation	Point Value
Unit 1	266 pts.
Unit 2	181 pts.
Unit 3	130 pts.
Unit 4	207 pts.
Unit 5	211 pts.
5 Exams (50 pts each)	250 pts.
GRAND TOTAL	1245 pts.

Grade	Percent
A	90-100%
B	80-89%
C	70-79%
D	60-69%
F	Lower than 60%

SATISFACTORY/FAIL OPTION

The S/F grade option is available to students in this course. Contact the instructor or refer to the syllabus for details and conditions.

INCOMPLETE GRADE POLICY

If you may find that you are unable to complete the course by the end of the semester for some unavoidable reason you may request an Incomplete grade. Contact the instructor or refer to the course syllabus for details.