

# **Common Course Outline**

**ERSC 122**

**Physical Geology Laboratory**

**1.00 Semester Hour**

## **The Community College of Baltimore County**

### **Description**

#### **Physical Geology Laboratory**

Presents the methods and tools used by geologists to study the Earth; introduces minerals and rocks and interpretation of topographic and geologic maps.

Prerequisite: ERSC 121 (concurrent or previous)

### **Overall Course Objectives**

Upon completion of this course the student will be able to:

1. identify common minerals of the Earth's crust
2. identify common rocks of the crust
3. interpret general features of topographic maps, including scales, coordinates, and contours
4. interpret topographic and geological features as expressed on topographic maps
5. read and use geologic maps to interpret geologic events and history

### **Major Topics**

- I Minerals
- II Rocks
- III Fundamentals of topographic maps
- IV Interpreting topographic features using topographic maps
- V Geologic maps

### **Course Requirements**

Grading/exams: Grading procedures will be determined by the individual faculty member but will include the following:

Laboratory projects, mid-term and final exam.

Writing: The individual faculty member will determine specific writing assignments.

### **Other Course Information**

This course is a General Education core course and a Science elective.

This course, when taken along with ERSC 121, Physical Geology, may be used as a lab science to fulfill 4 credits of the General Education requirement in Physical and Biological Sciences.

Individual faculty members may include additional course objectives, major topics, and other course requirements to the minimum expectations stated in the Common Course Outline.

Date Revised: 2/15/00