



Alabama Community College System

GEO 102 Principles of Physical Geography II

I. GEO 102 Principles of Physical Geography II—4 Semester Hours

II. Course Description

Physical Geography II is the second course in a two-part sequence. Topics focus on the Earth's surface and internal processes and how the processes affect landforms, water resources, soil, and vegetation of the earth. Laboratory is required.

III. Prerequisite

As required by program

IV. Textbook

Due to the varied selection of quality college-level textbooks, each college will select the textbook needed to meet the requirements of this course.

V. Course Learning Outcomes

Upon successful completion of the course, the student will demonstrate the following outcomes:

1. Explain the spatial distribution of volcanoes and earthquakes and the threats that they pose to human life.
2. Describe the processes associated with aggradation and denudation.
3. Identify landforms created through erosion and deposition.
4. Discuss the current and future threats faced along coastlines.

VI. Course Outline of Topics

1. Earth Representations
2. Earth's Structure and Materials
3. Plate Tectonics
4. Earth's Internal Processes
5. Soils
6. Weathering and Mass Wasting
7. Water Resources and Groundwater
8. Fluvial Geomorphology

9. Karst Geomorphology
10. Glacial Geomorphology
11. Arid Landforms and Aeolian Processes
12. Coastal Process and Terrain

VII. Evaluation and Assessment

Grades will be given based upon A = 90 – 100%, B = 80 – 89%, C = 70 – 79%, D = 60 – 69%, and F = below 60%.

VIII. Attendance

Students are expected to attend all classes for which they are registered. Students who are unable to attend class regularly, regardless of the reason or circumstance, should withdraw from that class before poor attendance interferes with the student's ability to achieve the objectives required in the course. Withdrawal from class can affect eligibility for federal financial aid.

IX. Statement on Discrimination/Harassment

It is the official policy of the Alabama Community College System and entities under its control, including all Colleges, that no person shall be discriminated against on the basis of any impermissible criterion or characteristic, including, without limitation, race, color, national origin, religion, marital status, disability, sex, age, or any other protected class as defined by federal and state law. (ACCS Policies 601.02 and 800.00)

X. Americans with Disabilities

The Rehabilitation Act of 1973 (Section 504) and the *Americans with Disabilities Act of 1990* state that qualified students with disabilities who meet the essential functions and academic requirements are entitled to reasonable accommodations. It is the student's responsibility to provide appropriate disability documentation to the College.