

LEARNING OBJECTIVES / GOALS / OUTCOMES / LEARNING OUTCOMES:

Students will be able to read and interpret topographic maps and aerial photographs, understand the physical processes operating on the earth's surface, identify basic landforms and landform formation processes, and identify common rocks and minerals.

METHODS:

The format of the course includes lectures, laboratory sessions, and field trips. Laboratory assignments are designed to supplement lecture topics while field trips provide an informal learning experience 'in the field'.

PRIOR LEARNING ASSESSMENT RECOGNITION (PLAR):

Credit can be awarded for this course through PLAR (Please check:) Yes No

METHODS OF OBTAINING PLAR:

Challenge exams.

TEXTBOOKS, REFERENCES, MATERIALS:

[Textbook selection varies by instructor. An example of texts for this course might be:]

Christopherson, R.W.,2003. Geosystems: An Introduction to Physical Geography Fifth Edition. Upper Saddle River, NJ: Pearson Ed.

SUPPLIES / MATERIALS:

There is a minimal field trip fee.

STUDENT EVALUATION:

[An example of student evaluation for this course might be:]

Lab assignments, Lab exams, projects, quizzes, field trip reports	50%
Midterm exam	25%
Final exam	25%

COURSE CONTENT:

[Course content varies by instructor. An example of course content might be:]

Lecture and Lab Topics

- 1 Introduction to Physical Geography
- 2 Geologic Time Scale
- 3 Minerals / Mineral Identification
- 4 Volcanism and Igneous Rocks / Igneous Rock Identification
- 5 Weathering, Sedimentary and Metamorphic Rocks / Sedimentary and Metamorphic Rock Identification
- 6 Plate Tectonics / Introduction to Topographic Maps
- 7 Earthquakes and Seismology / Contours and Profile Construction
- 8 Fluvial Processes and Landforms / Fluvial Landform Identification
- 9 Glacial Processes and Landforms / Coastal Landforms Identification
- 10 Coastal Processes and Landforms / Coastal Landforms Identification
- 11 Aeolian Processes and Landforms / Groundwater
- 12 Mass Wasting Processes / Mass Movement Landforms
- 13 Periglacial Processes and Landforms