

COURSE: GLY 2160 - Geology of International Parks

INSTRUCTOR: Mark Peebles, LY 209, Tarpon Springs Campus

ACADEMIC DEPARTMENT: Natural Science Department

Department Chair, Beth Goodbread

COURSE PREFIX AND NUMBER: GLY 2160

GLY 2160 introduces the student to basic geological processes or events using International Parks and Sanctuaries as examples. The student will discover the importance of the underlying geology either to the ecology or to human societies by visiting a number of geological environments in different countries around the world.

STUDY ABROAD APPLICATION REQUIREMENTS:

Approval for participation in the program is subject to the participant being 18 years old or older
having a GPA of 2.75 or higher
being enrolled for credit in an approved study abroad program course
being approved by the International Programs office
obtaining a positive faculty recommendation for participation in the program
paying all deposits and fees according to the fee schedule
obtaining all immunizations required by the Centers for Disease Control (CDC).

In addition, participants are strongly encouraged to get all immunizations and preventative treatments recommended for the particular country and regions through which they will be traveling.

MEETING INFORMATION/ATTENDANCE POLICY:

There will be two class sessions scheduled before the trip. These times will be communicated to the students early in the Summer session prior to their trip. Attendance at these meetings is required, failure to attend the meetings will result in the student being dropped from the course. Once the trip has started active participation is required. If the student does not participate in the class activities they may be required to return home.
The program plan for this class (class meetings and activities, etc.) meets or exceeds the requirement of 45 contact hours for the course.

COURSE CONTENT:

Major Learning Outcomes:

The student will demonstrate knowledge of the basic concepts of the physical processes shaping the Earth's surface.

2. The student will demonstrate knowledge of the concept of geologic time and its relationship to our nation's parks.

3. The student will demonstrate knowledge of the relationship between geologic processes and the scenic grandeur of our nation's parks.

4. The student will demonstrate knowledge of the historical reasons for the establishment of our nation's parks.

Course Objectives Stated in Performance Terms:

The student will demonstrate knowledge of the basic concepts of the physical processes shaping the Earth's surface by:

relating the hydrologic cycle to erosional processes shaping the earth's surface.

b. identifying the geologic products formed by the rock cycle and relating them to the formation of the earth's surface features.

c. identifying selected common rocks and minerals associated with our nation's parks.

2. The student will demonstrate knowledge of the concept of geologic time and its relationship to our nation's parks by:

reproducing the relative geologic time scale to the epoch level.

b. relating absolute dating methods to the relative geologic time scale.

c. relating the relative geologic time scale to selected parks

3. The student will demonstrate knowledge of the relationship between geologic processes and the scenic grandeur of our nation's parks by

relating the scenic aspect of selected parks to the fundamental geologic processes.

b. distinguishing the boundaries of geomorphic provinces in the continental United States based on the following criteria:

climate

(2) type of rock formations

(3) age of rock formations

(4) topography

(5) erosional processes

c. locating selected parks by geomorphic province.

4. The student will demonstrate knowledge of the historical reasons for the establishment of our nation's parks by:

describing the establishment and operation of the United States National Parks System.

b. describing the establishment and operation of the park system for the State of Florida.

PREREQUISITES (IF APPLICABLE):

Prerequisites: (ENC 0020 and REA 0002 and MAT 0024) or (EAP 1695 and MAT 0024) or satisfactory scores on the SPC placement test.

GRADING:

Upon successful completion of the course the student will, with a minimum 70 percent accuracy, demonstrate mastery of each of the above state objectives through classroom measures developed by individual course instructors. Also see assignments below for more specific information.

ACADEMIC HONESTY:

St. Petersburg College has an Academic Honesty policy. It is your responsibility to be familiar with the policies, rules, and the consequences of violations. Read about the policy at: <http://www.spcollege.edu/webcentral/admit/honesty.htm>. There is no tolerance for cheating and academic dishonesty. Discipline can range from a zero on that specific assignment to expulsion from the class with a grade of F. Note that copy/pasting published information, whether it's from your textbook or the Internet, without citing your source is plagiarism and violates this policy. Even if you change the words slightly, the ideas are someone else's, so you still have to cite your sources. Cheating,

plagiarism, bribery, misrepresentation, conspiracy and fabrication are defined in Rule 6Hx23-4.461, Student Affairs: Academic Honesty Guidelines, Classroom Behavior.

TEXTBOOK INFORMATION:

There is no course text. All information will be supplied to the student through handouts or through internet assignments.

ASSIGNMENTS:

The grade is based on three components. The first component is a research paper/presentation that must be completed before the start of international travel. The research paper must be at least 2000 words in length and must be properly referenced. The student will also present the information learned in the paper to the class while on the field trip. A list of research topics will be made available to the students in the first organizational meeting. The second component will be the daily field trips and lectures during the foreign travel. The student will be required to answer questions and perform basic identifications of rocks and minerals and other geological features during the day. The final component will be a daily journal. This will include a description of all the areas covered each day. It will be supplemented by photographs and drawings when possible. All of the information will be neatly typed and formatted and returned within one week after the foreign travel component.

Grades will be computed using the following percentages:

Research Paper / Presentation - 30%
Daily Participation - 30%
Daily Journal - 40%

TIPS FOR SUCCESS:

Please refer to important information in pre-departure orientation materials.

ITEMS TO PACK:

Please refer to important information in pre-departure orientation materials.

STUDENT CONDUCT / ALCOHOL AND DRUG POLICY:

Please refer to important information about student conduct and related policies in your study abroad application package.

EMERGENCIES/HEALTH & SAFETY:

Please refer to important information in pre-departure orientation materials.

LINK TO DEPARTMENT OF STATE ADVISORY FOR STUDY ABROAD DESTINATION(S):

http://travel.state.gov/travel/cis_pa_tw/cis/cis_1055.html

This information is subject to change; please check this source again as departure time nears.

SPECIAL ACCOMMODATIONS:

If you anticipate requesting of the Learning Specialist an accommodation for a documented disability, it is important to notify the International Programs office as soon as possible that you plan to make a request. Please also make an appointment with the Learning Specialist on campus to make your request

as soon as possible. The Learning Specialist can be reached at 791-2628 or 791-2710 (CL), 341-4758 (SP/G), 394-6108 (SE), 712-5789 (TS), or 341-4532 (AC).