# BARTON COMMUNITY COLLEGE COURSE SYLLABUS

1. **GENERAL COURSE INFORMATION**

Course Number: PHSC 1405

Course Title: Physical Geography Lab Credit Hours: 1

Prerequisites: Concurrently enrolled in PHSC 1404 Division/Discipline: Academics/Physical Science

Course Description: This course covers lab procedures that are commonly used to determine the geographic factors of our physical environment including climate, terrain, soils, land-forms, the seas, economic sources, and cartographic elements.

# INSTRUCTOR INFORMATION

1. **COLLEGE POLICIES**

Students and faculty of Barton Community College constitute a special community engaged in the process of education. The College assumes that its students and faculty will demonstrate a code of personal honor that is based upon courtesy, integrity, common sense, and respect for others both within and outside the classroom.

Plagiarism on any academic endeavors at Barton Community College will not be tolerated. The student is responsible for learning the rules of, and avoiding instances of, intentional or unintentional plagiarism. Information about academic integrity is located in the Student Handbook.

The College reserves the right to suspend a student for conduct that is determined to be detrimental to the College educational endeavors as outlined in the College Catalog, Student Handbook, and College Policy & Procedure Manual. (Most up-to-date documents are available on the College webpage.)

Any student seeking an accommodation under the provisions of the Americans with Disability Act (ADA) is to notify Student Support Services via email at [disabilityservices@bartonccc.edu.](mailto:disabilityservices@bartonccc.edu)

# COURSE AS VIEWED IN THE TOTAL CURRICULUM

This 1-credit laboratory course is especially designed for students who have an interest in the outdoors, ecological processes, and the influence that humans exert on their natural surroundings.

Physical Geography Lab transfers well and may be used to help fulfill credit and course requirements for general education at some of the Kansas Regents’ institutions.

However, general education requirements vary among institutions, and perhaps even

among departments, colleges, or programs within an institution. Also, these requirements may change from time to time without notification, therefore, it is the student’s responsibility to obtain relevant information from intended transfer institution during his/her tenure at Barton Community College to insure that he/she enrolls in the most appropriate set of courses for the transfer program.

# ASSESSMENT OF STUDENT LEARNING

Barton Community College is committed to the assessment of student learning and to quality education. Assessment activities provide a means to develop an understanding of how students learn, what they know, and what they can do with their knowledge. Results from these various activities guide Barton, as a learning college, in finding ways to improve student learning.

The learning outcomes and competencies detailed in this course outline or syllabus meet or exceed the learning outcomes and competencies specified by the Kansas Core Outcomes Groups project for this course as approved by the Kansas Board of Regents.

Course Outcomes, Competencies, and Supplemental Competencies:

* 1. Acquire and analyze quantitative and qualitative data concerning phenomena in the lithosphere, pedosphere, hydrosphere, cryosphere, atmosphere, and biosphere systems.
     1. Explain Earth’s reference grid: latitude and longitude, and latitudinal geographic zones and time.
     2. Analyze direction and compass readings.
     3. Illustrate the intercepted solar energy and its uneven distribution at the top of the atmosphere.
     4. Explain Earth’s Temperature concepts.
     5. Analyze and collect data related to temperature patterns.
     6. Analyze and interpret global pressure patterns.
     7. Identify the processes that lead to condensation, cloud development, and precipitation.
     8. Analyze weather maps and weather phenomena.
     9. Identify and explain key water balance components.
     10. Identify patterns of temperature, precipitation, and other weather elements that contribute to climate of an area.
     11. Analyze Earth’s tectonic forces, and global patterns of volcanism.
     12. Analyze geomorphological forces.

# INSTRUCTOR'S EXPECTATIONS OF STUDENTS IN CLASS

1. **TEXTBOOKS AND OTHER REQUIRED MATERIALS**
2. **REFERENCES**
3. **METHODS OF INSTRUCTION AND EVALUATION**
4. **ATTENDANCE REQUIREMENTS**
5. **COURSE OUTLINE**