



GEOGRAPHY 100 (20438)

Physical Geography, 3 Units

Monday/Wednesday 11:50am – 1:15pm, Room 212

OVERVIEW

Physical Geography explores the earth's ever-changing physical system, including human activities where they interface with the environment. Emphasis is given to earth-sun relationships, atmosphere-hydrosphere interactions, lithospheric processes integration of climate, soils and biomes and their spatial patterns.

This course satisfies:

- a) the Natural Science category for the Associate Degree graduation requirements for IVC
- b) the Physical Science (Area B1) category for the CSU general education requirements
- c) the Social and Behavioral Sciences (Area 4) and Physical and Biological Sciences (Area 5A) categories for the Intersegmental General Education Transfer Curriculum (IGETC) requirements

REQUIRED TEXTBOOK

Hess, Darrel (2011). *Physical Geography: Third California Edition*. Upper Saddle River, NJ: Pearson Education. ISBN #: 978-1-269-14437-7

Check the IVC Bookstore in-person or online at: <http://www.efollett.com>

RECOMMENDED MATERIALS

A world atlas (can be found online). The atlas should have an index of all the places shown on the maps with their longitude and latitude. *Goode's World Atlas* or the National Geographic Society atlas are excellent options.

COURSE STRUCTURE

Class time will be spent in lecture and discussion. Readings listed in the course outline should be completed prior to the class meeting. You will be tested on all of the material presented in the assigned reading and lectures. The class website (on Blackboard) will be continually updated throughout the semester. Be sure to visit the website and check your IVC email **frequently**. I will send any notifications, updates, and/or reminders to you via your IVC email. Two hours of independent work done out of class per each hour of lecture or class work is expected.

INSTRUCTOR INFORMATION

Cady E. Bow, M.A.

*Email:

cady.bow@imperial.edu

Office Phone:
(760) 355-6537

Office: 1604A

Office Hours:
Mon. 5:30-6:30pm
Tues. 10:00-11:00am
Wed. 9:00-10:00am
Thurs. 7:30-8:30am
Or by appointment

*Email is the best way to contact me. I will respond to all IVC emails within 48 hours. I will not respond to a personal email address (such as Yahoo, Gmail, AOL, etc.), email me using your IVC email address only. Please include your name, course title, and day/time of the course in your email (ex: Professor Bow, Geog 100, MW 11:50-1:15).



GRADING SYSTEM

Daily quizzes, 5 points each

Your two lowest quiz scores will be dropped. These will be given at the beginning of class. If you arrive late, you will not be allowed to take the quiz.

= 100 points (25%)

Two Assignments, 20 points each

These will relate to current events that have implications within physical geography. These may consist of written assignments, problem solving, literature review, and/or internet research.

= 40 points (10%)

Two Exams, 50 points each

These may include multiple choice, true/false, matching, and short answer questions. You may be asked to do minor calculations or interpret graphs and maps.

= 100 points (25%)

Climate Project

Details will be provided in a handout.

= 80 points (20%)

Final Exam

This will follow the same format as the other two exams.

= 80 points (20%)

TOTAL

= 400 points (100%)

If at any point you are having difficulty with the concepts presented in class or the textbook, I will be happy to help you. Please get in contact with me after class, during office hours, by phone or email. Getting help early in the semester will ensure a more successful course grade.

ATTENDANCE

Each student is expected to attend every class meeting, arrive on time, and remain for the duration of the class. Attendance is taken, via quiz, at the start of each class. Late arrival will result in a grade of zero for the quiz that day. You are solely responsible for material missed as a result of absences. If you miss a class, check with other students for the notes. **NO LATE ASSIGNMENTS WILL BE ACCEPTED. NO MAKE-UP EXAMS WILL BE GIVEN.**

WITHDRAWAL

It is your responsibility to drop the course. Be aware of the drop dates (see the college catalog and schedule of classes). You may drop the course at any time up until the last drop date via the Admissions Office. **Students who miss more than three total class hours per the college catalog can be dropped from this course.** If a situation occurs at any point in the semester, please contact me immediately so we can make arrangements.

GRADING SCALE

Letter grades will be assigned as follows:

100 - 90% = A

89.9 - 80% = B

79.9 - 70% = C

69.9% - 60% = D

59.9% - 0% = F



CLASSROOM POLICIES AND CONDUCT

All regular college rules will apply. You are responsible for reading and adhering to the rules described in the “Student Code of Conduct” section of the Imperial Valley College Catalog. Failure to do so may not only lead to a failing grade in the course, but disciplinary action as well.

ALL electronic devices (cell phones, iPods, etc.) must be turned off. Any student caught using a cell phone (calls, text messaging, internet, camera, or any other use) will be asked to leave class and will receive a zero for the day’s quiz. Headsets and headphones are may not be worn in class. Personal laptops are not required for this course. They may be used **ONLY** to take notes during the lecture as long as they do not distract the instructor or other students. Use of audio recorders to record lectures for playback when studying is allowed **only** after the device has been approved by your instructor. **No video recording is allowed.**

ACADEMIC INTEGRITY

Dishonesty in the academic environment is unacceptable. Any form of cheating, and/or plagiarism (using another person’s ideas, writing, materials, or images without acknowledgement or permission) is grounds for disciplinary action. The consequences of these actions may range from an adjusted grade on the particular exam, quiz, assignment, or project, to suspension or expulsion from the course, program, or the college. Class assignments, exams, quizzes, and projects that are missed during a suspension are not eligible for make-up. In addition, suspended days are counted as absences. For further clarification and information on these issues, please consult with your instructor or contact the office of the Associate Dean of Student Affairs.

STUDENTS WITH DISABILITIES

Please contact the Disabled Student Programs and Services (DSPS) office if this applies to you. DSPS is located in the Health and Sciences building, Room 21157 or call (760) 355-6313 for assistance. If you have any condition that I need to know about, please let me know at the beginning of the semester. I am happy to make accommodations to help you.

LEARNING OUTCOMES

- I. **Student Learning Outcomes (SLOs):**
Upon course completion, the successful student will have acquired new skills, knowledge, and or attitudes as demonstrated by being able to:
1. demonstrate their understanding of geographic patterns of a specific locale by analyzing the flora, fauna, and weather patterns in relation to its physical setting.
 2. analyze current spatial geographic events using the Five Themes of Geography
 3. explain Plate Tectonics and how it has influenced landform formation

MEASURABLE COURSE OBJECTIVES

- II. **Measureable Course Objectives:**
Upon satisfactory completion of the course, students will be able to:
1. explain seasonal, latitudinal, and elevational climatic variation
 2. understand the relationships between weather, climate, water, soils, vegetation, and landforms
 3. visually recognize physical landforms and understand their importance to settlement patterns and land use
 4. be able to explain Plate Tectonics and how it has influenced landform formation
 5. discuss the erosional and depositional forces at play in landform modification
 6. understand and apply the Five Themes of Geography



COURSE OUTLINE

(This is a tentative outline and is subject to change)

WEEK	DATES	TOPIC(S)	READINGS & ASSIGNMENTS DUE
1	January 22	Introduction	<i>Get the textbook</i>
2	January 27 & 29	Geography and Earth Science Portraying the Earth	<i>Ch. 1, 2</i>
3	February 3 & 5	Introduction to the Atmosphere Insolation and Temperature	<i>Ch. 3, 4</i>
4	February 10 & 12	Atmospheric Pressure and Wind Atmospheric Moisture	<i>Ch. 5, 6</i>
5	February 17 & 19 NO CLASS Monday Feb. 17	NO CLASS MONDAY FEB. 17 Atmospheric Disturbances (Wednesday Feb 19)	<i>Ch. 7</i>
6	February 24 & 26	EXAM 1 (Monday February 24) Climate and Climate Change	<i>Exam 1 (Ch. 1-7) Ch. 8</i>
7	March 3 & 5	Climate and Climate Change The Hydrosphere	<i>Ch. 8, 9 Assignment #1 due Wednesday March 5</i>
8	March 10 & 12	The Biosphere Terrestrial Flora and Fauna	<i>Ch. 10, 11</i>
9	March 17 & 19	Soils and Landforms	<i>Ch. 12, 13</i>
10	March 24 & 26	Plate Tectonics, Volcanoes, Earthquakes	<i>Ch. 14</i>
11	March 31 & April 2	EXAM 2 (Monday March 31) Erosion	<i>Exam 2 (Ch. 8-14) Ch. 15</i>
12	April 7 & 9	Fluvial, Karst, and Hydrothermal Processes	<i>Ch. 16, 17</i>
13	April 14 & 16	Arid Lands	<i>Ch. 18 Assignment #2 due Wednesday April 16</i>
14	April 21 & 23 NO CLASS	NO CLASS, SPRING RECESS	
15	April 28 & 30	Glacial Modification Coastal Processes	<i>Ch. 19, 20</i>
16	May 5 & 7	CLIMATE PRESENTATIONS	<i>Climate Presentation</i>
17	May 12 & 14	CLIMATE PRESENTATIONS FINAL EXAM, WEDNESDAY MAY 14	<i>Climate Presentation Final Exam (Ch. 15-20)</i>