

### Basic Course Information

Semester:	<b>Fall 2019</b>	Instructor Name:	Curtis Blondell
Course Title & #:	<b>Physical Geography Laboratory GEOGRAPHY 111 -CENTINELA</b>	Email:	
CRN #:	CRN 11604	Webpage (optional):	
Classroom:	Centinela Prison	Office #:	IVC
Class Dates:	August 19 through December 14	Office Hours:	
Class Days:	Thursdays	Office Phone #:	
Class Times:	6:00 pm-8:50 pm	Emergency Contact:	Instructional Supervisor Centinela Prison
Units:	1		

### Course Description

GEOG 111 is the laboratory course in Physical Geography. The course provides laboratory exercises in topics covered in GEOG 100, Physical Geography, which covers the Earth's atmosphere, hydrosphere, biosphere and lithosphere. The laboratory experience includes the observation and interpretation of weather data, statistical analysis of climate data, map analysis and interpretation, analysis of earth materials, along with landform processes, plate tectonics, and biogeography. (CSU, UC)

### Student Learning Outcomes

Upon course completion, the successful student will have acquired new skills, knowledge, and or attitudes as demonstrated by being able to:

1. Explain how the Earth's geometry and motions in space affect environmental patterns and processes. (ILO3, ILO5)
2. List, identify, and map the Earth's major physiographic features and climate distributions. (ILO5)
3. Collect and analyze geographic data and produce geographic tables, graphs and maps. (ILO4)

### Course Objectives

1. Understand the size, shape, and movements of the Earth in space and their importance to environmental patterns and processes.
2. Analyze the major atmospheric, geomorphological, and biotic processes that shape the Earth's surface environments.
3. Identify global distributions of the world's major climates, ecosystems, and physiographic (landform) features.
4. Develop critical thinking and research skills related to the scientific method, scientific measurement, data analysis and practical experience using the tools and concepts of physical geography.
5. Applications and activities related to basic concepts of physical geography in the analysis of real-world variations in environmental patterns

6. Be comfortable and adept in understanding key components of maps and identifying geographic features.

### **Textbooks & Other Resources or Links**

Hess, Darrel Physical Geography Laboratory Manual for McKnight's Physical Geography: A Landscape Appreciation (12th Edition). Prentice Hall , 00-21-2017

### **Course Requirements and Instructional Methods**

Class Activity - Laboratory modules with some in-class student activities.

#### Out of Class Assignments:

The Department of Education policy states that one (1) credit hour is the amount of student work that reasonably approximates not less than one hour of class time and two (2) hours of out-of-class time per week over the span of a semester. WASC has adopted a similar requirement.

### **Course Grading Based on Course Objectives**

#### **COURSE STRUCTURE**

This course will be broken into **three (3) sections** (see below). The course will not cover every lab; there simply isn't time. The instructor has chosen labs that he feels will provide the most comprehensive in-depth course learning. Some activities may not come from the lab manual but are designed to enhance material in the book. Short lectures may be given for some topics.

#### **COURSE GRADING**

THIS WILL BE THE ONLY LAB CLASS OFFERED TO ALLOW YOU TO COMPLETE YOUR AA DEGREE. THERE ARE A LOT OF STUDENTS WAITING TO ENROLL IN THIS COURSE. THEREFORE, IT IS RECOMMENDED THAT YOU FULLY PARTICIPATE IN CLASS AND FOLLOW ALL POLICIES AS GIVEN BY THE INSTRUCTOR. OTHERWISE, YOU COULD BE REMOVED FROM THE COURSE AND WILL NOT BE ABLE TO COMPLETE YOUR DEGREE.

IMPORTANT: Labs will be graded on correct answers, fullness of answers, completeness of assignment, neatness (including legibility and appearance of lab paper), and the instructor's belief that the student performed their own work on the assignment).

<b>40 Labs</b>	<b>400 points</b>	(10 points each)
<b>3 Exams</b>	<b>150 points</b>	(50 points each)
<b>Map Exercise</b>	<b>100 points</b>	
<b>Course Performance</b>	<b>150 points</b>	(includes attitude, discipline, attendance; <u>Points will be deducted at the Instructor's discretion</u> )

#### **Final grades are based on 800 total points, figured by the following breakdown:**

770 - 800 points – A  
740 - 769 points – B  
710 - 739 points – C  
680 - 709 points – D  
679 points or fewer – F

## Attendance

Students must follow all regulations and guidelines as outlined by IVC-Calipatria Prison course requirements.

- Regular attendance in all classes is expected of all students. A student whose continuous, unexcused absences exceed the number of hours the class is scheduled to meet per week may be dropped. Any student who claims absence for illness, personal, or legal matters may be asked by the instructor to provide written proof from authorities at the prison.
- Students will be graded on attendance and classroom participation.
- Students will need to provide a valid reason to the instructor for any missed classes. The instructor may ask for verification from prison authorities.
- If a student does not attend class because that person was not released from their cell for whatever reason by COs, it is the responsibility of the student to make up any missed assignments or exams.
- **This is a long class! Be aware that in signing up for this class, you understand that it may conflict with visitations, etc. It is the Student's obligation to schedule such activities so as not to conflict with class time.**

## Classroom Etiquette

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- **STUDENTS MUST READ AND COMPLY WITH THE FOLLOWING. FAILURE TO COMPLY WITH THE FOLLOWING COULD RESULT IN EXPULSION FROM THE CLASS.** The Instructor reserves the right to modify or add to any of the following at any time during the course.
- **Classroom Behavior:** Students will be graded on classroom etiquette and participation in the class.
- Students will sit in seats assigned to them or in a seating arrangement given by the instructor. Failure to comply could be cause for expulsion from the course.
- Students will follow the instructor's guidelines on toilet breaks, etc.
- Getting up and walking around to speak to another student or give an item to another student will not be allowed without the instructor's permission.
- At the end of class, students will remain in their seats until excused by the instructor.
- **Assignments:** All assignments MUST be completed on time. Assignments will be graded on legibility, apparent effort, and the instructor's belief that the student performed their own work. Points will be deducted for the following, but not limited to: late assignments, illegible assignments, the instructor's belief that the student copied another student's work, torn or mangled paper.
- **Electronic Devices or other devices and items:** Students will not use any devices in class without the instructor's permission.
- **Food and Drink:** Students are not allowed snacks unless with prior permission from the instructor. Drinks should be in containers with lids on at all times. Please comply as directed by the instructor. The instructor reserves the right to alter this policy at any time during the length of the course.
- **Disruptive Students:** Students who disrupt or interfere with a class will be referred to Prison authorities for expulsion from the course. Failure to comply with any instructions given by the instructor, verbal or physical abuse, or insolence, are grounds for expulsion from the course.

- Disruptive behavior includes but not limited to, sleeping, doing assignments during lecture, and ANY behavior or activity that the instructor feels is detrimental to the learning environment.

### **Academic Honesty**

Academic honesty in the advancement of knowledge requires that all students and instructors respect the integrity of one another's work and recognize the important of acknowledging and safeguarding intellectual property.

There are many different forms of academic dishonesty. The following kinds of honesty violations and their definitions are not meant to be exhaustive. Rather, they are intended to serve as examples of unacceptable academic conduct.

- Plagiarism is taking and presenting as one's own the writings or ideas of others, without citing the source. You should understand the concept of plagiarism and keep it in mind when taking exams and preparing written materials. If you do not understand how to "cite a source" correctly, you must ask for help.
- Cheating is defined as fraud, deceit, or dishonesty in an academic assignment, or using or attempting to use materials, or assisting others in using materials that are prohibited or inappropriate in the context of the academic assignment in question.

Anyone caught cheating or plagiarizing will receive a zero (0) on the exam or assignment, and the instructor may report the incident to the Campus Disciplinary Officer, who may place related documentation in a file. Repeated acts of cheating may result in an F in the course and/or disciplinary action. Please refer to the [General Catalog](#) for more information on academic dishonesty or other misconduct. Acts of cheating include, but are not limited to, the following: (a) plagiarism; (b) copying or attempting to copy from others during an examination or on an assignment; (c) communicating test information with another person during an examination; (d) allowing others to do an assignment or portion of an assignment; (e) using a commercial term paper service.

### **Additional Student Services**

IVC-Centinela Prison offers various services in support of student success. Please see Mr. Manuel Altamirano (or other Prison official) for assistance.

### **Disabled Student Programs and Services (DSPS)**

Any student with a documented disability who may need educational accommodations should notify the instructor or Mr. Manuel Altamirano for assistance.

### **Student Counseling and Health Services**

Please see Mr. Manuel Altamirano (or other Prison official) for assistance.

### **Student Rights and Responsibilities**

Students have the right to experience a positive learning environment and to due process of law. For more information regarding student rights and responsibilities, please refer to the IVC [General Catalog](#).

### **Information Literacy**

Imperial Valley College-Centinela Prison is dedicated to helping students skillfully discover, evaluate, and use information from all sources. Please see Mr. Manuel Altamirano for assistance.

**Anticipated Class Schedule/Calendar \*Subject to change per Instructor**

**Please note: Due to course schedule, some weeks may have 2 classes per week. This is TBD.**

Date or Week	Activity, Assignment, and/or Topic	Pages/ Due Dates/Tests
Week 1:	Introduction / Syllabus Exercise 1: Conversions <u>Lecture: Introduction to Maps</u> Exercise 2; Locations <b>****All Labs due at beginning of class****</b>	Read: pp. 1-2 Exercise 1: Parts 1 & 2: Read: pp 5-5 Exercise 2: Parts I & 2
Week 2:	<u>Lecture: Time</u> Exercise 3: Time Exercise 4: Map Scale Exercise 5: Map Projections	Read: pp. 9-12 Exercise 3: Parts 1, 2, 3 Read pp. 15-16 Exercise 4: Parts 1 & 2 Read pp. 19-22 Exercise 5 Part 1
Week 3:	Exercise 28: Map Contour Lines Exercise 29: U.S. Geological Survey Exercise 30: Topographic Profiles	Read pp. 197-200 Exercise 28 Read pp. 203-204 Exercise 29 Part 1 Read pp. 207-208 Exercise 30 Parts 1 & 2 Read p. 34 – “Gradient” section
Week 4:	MAP EXERCISE IN CLASS! Review for Exam	
Week 5:	<b>1<sup>st</sup> EXAM</b>	
Week 6:	Exercise 9: Earth-Sun Relationships Exercise 11: Insolation	Read pp. 47-48; 51-54 Exercise 9 Parts 1 & 2 Read pp. 57-60 Exercise 11 Part 1
Week 7:	Exercise 12: Temperature Patterns Exercise 13: Air Pressure	Read pp. 65-66 Exercise 12 Parts 1 & 3 Read pp. 71-74 Exercise Parts 1 & 2
Week 8:	Exercise 14: Wind	Read pp. 77-80 Exercise 14 Part 1

Week 8 (cont'd)	Exercise 15: Humidity  Exercise 16: Adiabatic Processes Exercise 17: Atmospheric Stability	Read pp. 83-86 Exercise Part 3  Read pp. 93-94 Exercise 16 Part 1  Read pp. 99-100
Week 9:	Exercise 18: Mid-Latitude Cyclones  Exercise 19: Weather Maps  <u>Lecture: Satellite images, Radar Meteorological Models, Weather Forecasting</u>	Read 105-108 Exercise 18 Parts 1 & 2  Read pp. 113-116 Exercise 19 Parts 1, 2 & 3  Read pp. 121-126
Week 10:	<b>2<sup>nd</sup> EXAM</b>	
Week 11:	Exercise 23: Climate Classification Exercise 38: Mass Wasting Begin Fluvial Processes (Exercises 39-41) Exercise 39 Exercise 40	Read pp. 145-152 Exercise 23 Parts 1 & 3  Read pp. 261-263 Exercise 38 Part 3  Read pp. 269-271  Read pp. 277-279
Week 12:	Fluvial Processes (cont'd) Exercise 41  Exercises on Stream Discharge & Sinuosity	Read pp. 285-286 Exercise 41 Part 1
Week 13:	Exercise 45: Desert Landforms Exercise 46: Sand Dunes	Read pp. 307-309 Exercise 45 Part 1  Read pp. 317-320 Exercise 46 Parts 1 & 2
Week 14:	Thanksgiving Break	
Week 15:	Finish outstanding Labs and Review for Exam #3	
Final Week	<b>FINAL EXAM</b>	

**\*\*\*Tentative, subject to change without prior notice\*\*\***