



## Basic Course Information

|                   |                                    |                    |   |
|-------------------|------------------------------------|--------------------|---|
| Semester:         | <b>Summer 22</b>                   | Instructor Name:   | <b>Austen Thelen</b>  |
| Course Title & #: | <b>Physical Geography Lab</b>      | Email:             | <b>austen.thelen@imperial.edu</b>   |
| CRN #:            | <b>30083</b>                       |                    |   |
| Classroom:        | <b>Canvas</b>                      | Office #:          | <b>807 F</b>  |
| Class Dates:      | <b>June 20 – July 28</b>           | Office Hours:      | <b>By Appointment</b>   |
| Class Days:       | <b>Every Day</b>                   | Office Phone #:    | <b>(760) 355-6537</b>   |
| Class Times:      | Always Available<br>(Asynchronous) | Emergency Contact: | Elvia M. Camillo<br>Staff Secretary Behavioral<br>& Social Science Department<br>Imperial Valley College 380E.<br>Aten Rd. Imperial, CA<br>92251 (760) 355-6144 |
| Units:            | <b>1</b>                           | Class Format:      | Online  |

## 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)

## Course Prerequisite(s) and/or Corequisite(s)

GEOG 100 is a corequisite course for GEOG 111.

## 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.



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5. Applications and activities related to basic concepts of physical geography in the analysis of real-world variations in environmental patterns

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

Hess, Darrel Physical Geography Laboratory Manual for McKnight's Physical Geography: A Landscape Appreciation (12th Edition). Prentice Hall , 00-21-2013 (Available at the IVC Library)

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

Class Activity - Laboratory modules

Written Assignment- Written lab reports that correspond with laboratory modules

Quizzes - 1 multiple choice quiz per laboratory module

Skill Demonstration - Creating graphs, charts and maps based on geographic data collection and analysis

Mid-Term/Final Exam(s)

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**

8 Lab Modules – 50 points each, 400 points total

Mid-Term Exam – 50 points

Final Exam – 50 Points

Students' Final grades are based on 500 total points, figured by the following breakdown:

450 - 500 points – A.

400 - 449 points – B.

350 - 399 points – C.

300 - 349 points – D.

299 points or fewer – F.

### **Course Policies**

#### **Communication Policies:**

I believe that communication between students and their professor, and also among students, is a critical element of learning success. One of the great advantages of taking on online class is that we can engage in communication at times that are convenient for us. That being said, I want to be very clear about our course communication policies.

#### **Primary form of contact = Email**

When contacting me, your first action should be to send me an email. I will respond to your email within 24 hours. If you don't see a response, you need to assume that the email did not go through, and you should send it again. Please observe the following two policies when sending me email:



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1. Always send me email from your IVC email account. While Canvas has an email function, which I may use to send class-wide emails, please be aware that there are compatibility issues between Canvas and the IVC system, which can affect email replies and forwards. Private emails may get lost in the IVC spam filter.

2. The Subject Line Needs to Include: Your Name, along with the name of this class. Professors get a lot of emails, and I need to be able to prioritize my students. It is very important to let me know who you are and that you are taking this class, so I know the context of your email.

### **Other Forms of Contact = Telephone**

Telephone My telephone number is 760.355.6537. Again, feel free to call any time. This is my office phone, so if I am there, I will answer. You can reach me during office hours, but I tend to be in and out all day.

Online Drop Policy As you may expect, attendance in an online class is a little bit different than in a live section. However, this class observes all of the IVC attendance policies related to enrollment and financial aid.

Please see the following link to the IVC General Catalog if you need to review those policies:

### **First Day Drops**

Because we do not have a firm meeting schedule in online classes, I consider you having attended the first day of class by accessing the Canvas site by within 3 days of the first day of the term. If you do not access the site, or contact me by this time, then unfortunately you might be dropped from the course.

General Drop Policy Other than “First Day Drops,” please know that I will NOT drop you from the class. Disenrollment from this course is solely the responsibility of each student. I will assume that you intend to complete the course if you do not drop on your own. As far as last day of attendance is concerned (financial aid implications), I will count the day you last submitted an assignment as your last day of attendance, should you fail due to lack of completion.

Late Work Policy: Any late assignments may be turned in for partial credit before the end of the semester. Late quizzes receive a 2pt deduction. Late discussions will be considered for partial credit. Late assignments and current event summaries receive a 5pt deduction. Makeup up exams must be arranged with the instructor, per IVC policies.

### **Exams:**

Exams (midterm and final) MUST be taken within their respective availability timeframes to receive credit. Please review the syllabus course road map (last page) for these times.

### **Assignments and Reading Quizzes:**

All assignments and reading quizzes may be completed up until the last day of class to be counted for points in the course. Discussion Forum Posts Activity on the course’s discussion forums must be completed by the end of the semester to be considered for credit.



## IVC Student Resources

IVC wants you to be successful in all aspects of your education. For help, resources, services, and an explanation of policies, visit <http://www.imperial.edu/studentresources> or click the heart icon in Canvas.

## Anticipated Class Schedule/Calendar

| Date or Week              | Activity, Assignment, and/or Topic                     | Pages/ Due Dates/Tests  |
|---------------------------|--|---|
| Week 1: June 20 – June 26 | Module 1 – Intro, Units, Map Reading                   | Exercise 1<br>Exercise 2<br>Exercise 4<br>Read: pp 1-12; 15-25<br>Module 1 Quiz<br><b>Module 1 due on June 26</b>   |
| Week 2: June 27- July 3   | Module 2 – The Atmosphere<br>Module 3 – Weather Basics | Exercise 12<br>Exercise 13<br>Exercise 15<br>Exercise 16<br>Read pp. 71-98<br>Module 2 Quiz<br>Exercise 18<br>Exercise 19<br>Exercise 20<br>Read pp 105-130<br>Module 3 Quiz<br><b>Modules 2&amp;3 due July 3</b> |
| Week 3: July 4 – July 10  | Module 4 – Storms                                      | Exercise 21<br>Exercise 22<br>Read pp. 131-144<br>Module 4 Quiz<br><b>Module 4 due July 10</b>  |
|                           | <b>Midterm Exam</b>                                    | <b>Mid-Term Exam due July 10</b>  |
| Week 4: July 11 – July 17 | Module 5 – Climate<br>Module 6 – Biogeography          | Exercise 23<br>Exercise 24  |



| Date or Week              | Activity, Assignment, and/or Topic | Pages/ Due Dates/Tests   |
|---------------------------|------------------------------------|--|
|                           |                                    | Read pp. 145-180<br>Module 5 Quiz<br>Exercise 26<br>Read pp. 197-202<br>Module 6 Quiz<br><b>Modules 5&amp;6 due July 17</b>        |
| Week 5: July 18 – July 24 | Module 7 – Tectonics               | Exercise 33<br>Exercise 34<br>Exercise 37<br>Read pp. 227-260<br>Module 7 Quiz<br><b>Module 7 due July 24</b>                      |
| Week 6: July 25 – July 30 | Module 8 – Geomorphology           | Exercise 46 part 1<br>Exercise 47 part 1<br>Exercise 49 part 1<br>Read pp. 317-352<br>Module 8 Quiz<br><b>Module 8 due July 30</b> |
|                           | <b>Final Exam</b>                  | <b>Final Exam due July 30</b>  |

\*\*\*Subject to change without prior notice\*\*\*