

**Basic Course Information**

Semester:	<b>Summer 2017</b>	Instructor Name:	<b>Austen Thelen</b>
Course Title & #:	<b>Physical Geography Laboratory: GEOG 111</b>	Email:	<b>austen.thelen@imperial.edu</b>
CRN #:	<b>30173</b>	Webpage (optional):	
Classroom:	<b>Online (Canvas)</b>	Office #:	<b>807 F</b>
Class Dates:	<b>June 19 - July 28</b>	Office Hours:	<b>By Appointment</b>
Class Days:	<b>Every Day</b>	Office Phone #:	<b>(760) 355-6537</b>
Class Times:	<b>Always Accessible</b>	Emergency Contact:	<b>Elvia M. Camillo Staff Secretary Behavioral &amp; Social Science Department Imperial Valley College 380E. Aten Rd. Imperial, CA 92251 (760) 355-6144</b>
Units:	<b>3</b>		

**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

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

Hess, Darrel Physical Geography Laboratory Manual for McKnight's Physical Geography: A Landscape Appreciation (11th Edition). Prentice Hall , 00-21-2013

### **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.

## Attendance

- A student who fails to attend the first meeting of a class or does not complete the first mandatory activity of an online class will be dropped by the instructor as of the first official meeting of that class. Should readmission be desired, the student's status will be the same as that of any other student who desires to add a class. It is the student's responsibility to drop or officially withdraw from the class. See [General Catalog](#) for details.
- 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. For online courses, students who fail to complete required activities for two consecutive weeks may be considered to have excessive absences and may be dropped.
- Absences attributed to the representation of the college at officially approved events (conferences, contests, and field trips) will be counted as 'excused' absences.

## Classroom Etiquette

- Electronic Devices: Cell phones and electronic devices must be turned off and put away during class, unless otherwise directed by the instructor.
- Food and Drink are prohibited in all classrooms. Water bottles with lids/caps are the only exception. Additional restrictions will apply in labs. Please comply as directed by the instructor.
- Disruptive Students: Students who disrupt or interfere with a class may be sent out of the room and told to meet with the Campus Disciplinary Officer before returning to continue with coursework. Disciplinary procedures will be followed as outlined in the [General Catalog](#).
- Children in the classroom: Due to college rules and state laws, no one who is not enrolled in the class may attend, including children.

## Online Netiquette

- What is netiquette? Netiquette is internet manners, online etiquette, and digital etiquette all rolled into one word. Basically, netiquette is a set of rules for behaving properly online.
- Students are to comply with the following rules of netiquette: (1) identify yourself, (2) include a subject line, (3) avoid sarcasm, (4) respect others' opinions and privacy, (5) acknowledge and return messages promptly, (6) copy with caution, (7) do not spam or junk mail, (8) be concise, (9) use appropriate language, (10) use appropriate emoticons (emotional icons) to help convey meaning, and (11) use appropriate intensifiers to help convey meaning [do not use ALL CAPS or multiple exclamation marks (!!!)].

## 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

Imperial Valley College offers various services in support of student success. The following are some of the services available for students. Please speak to your instructor about additional services which may be available.

- **Learning Services.** There are several learning labs on campus to assist students through the use of computers and tutors. Please consult your [Campus Map](#) for the [Math Lab](#); [Reading, Writing & Language Labs](#); and the [Study Skills Center](#).
- **Library Services.** There is more to our library than just books. You have access to tutors in the [Study Skills Center](#), study rooms for small groups, and online access to a wealth of resources.

### Disabled Student Programs and Services (DSPS)

Any student with a documented disability who may need educational accommodations should notify the instructor or the [Disabled Student Programs and Services](#) (DSP&S) office as soon as possible. The DSP&S office is located in Building 2100, telephone 760-355-6313. Please contact them if you feel you need to be evaluated for educational accommodations.

### Student Counseling and Health Services

Students have counseling and health services available, provided by the pre-paid Student Health Fee.

- **[Student Health Center](#)**. A Student Health Nurse is available on campus. In addition, Pioneers Memorial Healthcare District and El Centro Regional Center provide basic health services for students, such as first aid and care for minor illnesses. Contact the IVC [Student Health Center](#) at 760-355-6310 in Room 2109 for more information.
- **[Mental Health Counseling Services](#)**. Short-term individual, couples, family, and group therapy are provided to currently enrolled students. Contact the IVC [Mental Health Counseling Services](#) at 760-355-6196 in Room 2109 for more information.

### 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 is dedicated to helping students skillfully discover, evaluate, and use information from all sources. The IVC [Library Department](#) provides numerous [Information Literacy Tutorials](#) to assist students in this endeavor.

### Anticipated Class Schedule/Calendar

*[Required Information – Discretionary Language and Formatting: The instructor will provide a tentative, provisional overview of the readings, assignments, tests, and/or other activities for the duration of the course. A table format may be useful for this purpose.]*

Date or Week	Activity, Assignment, and/or Topic	Pages/ Due Dates/Tests
Week 1: June 19 -23	Module 1 – Intro, Units, Map Reading	Exercise 1: Part 1 (pp. 1-3) Exercise 2 (pp. 5-8) Exercise 4 (pp. 15-18)
Week 1: June 19 -23	Module 1 – Intro, Units Map Reading	Read: p. 25 on “Isolines;” pp. 35-38 on “Topographic Maps” Module 1 Quiz <b>Module 1 due on June 23</b>
Week 2: June 24 -30	Module 2 – The Atmosphere	Exercise 17 (pp. 91-96) Exercise 18 (pp. 97-102) Exercise 20 (pp. 109-119)

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Date or Week	Activity, Assignment, and/or Topic	Pages/ Due Dates/Tests
		Exercise 21 (pp. 119-122)
Week 2: June 24 -30	Module 2 – The Atmosphere	Read pp. 103-106 on “Wind” Module 2 Quiz <b>Module 2 due June 30</b>
Week 2: June 24 -30	Module 3 – Weather Basics	Exercise 23 (pp. 131-138) Exercise 24 (pp. 139-144) Exercise 25 (pp. 147-154)
Week 2: June 24 -30	Module 3 – Weather Basics	Module 3 Quiz <b>Module 3 due June 30</b>
Week 3: July 1-7	Module 4 – Storms	Exercise 26 (pp. 157 – 161) Exercise 27 (pp. 163-168)
Week 3: July 1-7	Module 4 – Storms	Module 4 Quiz <b>Module 4 due July 7</b> <b>Mid-Term Exam due July 7</b>
Week 3: July 1-7	Module 5 – Climate	Exercise 28 (pp. 171-188) Exercise 29 (pp. 191-196)
Week 4: July 8-14	Module 5 – Climate	Module 5 Quiz <b>Module 5 due July 14</b>
Week 4: July 8-14	Module 6 – Biogeography	Exercise 30 (pp. 197-202)
Week 4: July 8-14	Module 6 – Biogeography	Read pp. 203-206 on “Soils” Module 6 Quiz <b>Module 6 due July 14</b>
Week 5: July 15-21	Module 7 – Tectonics	Exercise 32 (pp. 211-218) Exercise 33 (pp. 221-230) Exercise 36 (pp. 246-250)
Week 5: July 15-21	Module 7 – Tectonics	Read pp. 237-240 on “Faulting” Module 7 Quiz

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Date or Week	Activity, Assignment, and/or Topic	Pages/ Due Dates/Tests
		<b>Module 7 due July 21</b>
Week 6: July 22-28	Module 8 – Geomorphology	Exercise 45 (pp. 307-312) Exercise 46 (pp. 313-319) Exercise 48 (pp. 333-340)
Week 6: July 22-28	Module 8 – Geomorphology	Read pp. 321-326 on “Alpine Glaciers” Module 8 Quiz <b>Module 8 due July 28</b> <b>Final Exam due July 28</b>

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