

GEOGRAPHY 1 – Physical Geography

Instructor:	Darrel Hess		
Lectures:	MWF, 10:10 – 11:00 A.M., Science Hall, Room 5		
Textbook:	<i>McKnight's Physical Geography</i> , 10th ed., by Darrel Hess <i>Any format of the textbook may be used although the paperback "Second California Edition" is recommended.</i>		
Office:	Science Hall, Room 43	<i>(Room 43 is in the back of the Earth Sciences Lab, room 45)</i>	
Office Hours:	MWF 11:00-11:45 A.M.; Monday 1:00-1:45 P.M.; & Wednesday evening 6:00-6:30 P.M.		
Telephone:	Instructor Office and Voice Mail:	(415) 239-3104	
E-mail:	E-mail address:	dhess@ccsf.edu	
	<i>When leaving a message, please clearly indicate your full name and your course section.</i>		
	<i>Note: The instructor rarely responds to voice mail or e-mail at night or on the weekends.</i>		
Web Sites:	<i>Instructor:</i> http://fog.ccsf.edu/dhess/	<i>Earth Sciences Department:</i> www.ccsf.edu/Earth/	

Overview of Course: Geography 1 is an introduction to Earth's physical environment. The course will focus on processes and patterns of weather and climate, the development of landforms, and map interpretation. Special attention will be given to the physical geography and natural hazards of the Bay Area and California. This course has no prerequisites. Geography 1 is accepted for credit as Physical Science by the University of California and the California State University system; Geography 1 also satisfies IGETC Physical Science course requirements.

Student Learning Outcomes: Students can access the Learning Outcomes for this course by going to the Earth Sciences Department website (www.ccsf.edu/Earth/slo); scroll down to *Course Outcomes* and click on GEOG 1.

Lecture and Exam Schedule

Week of	Monday	Topics	Textbook Chapters
January	14	Introduction to Course & Physical Geography; Map Scale & Map Projections	1 & 2
	21	<i>(No Class Monday 1/21)</i> ; Earth-Sun Relations; Introduction to the Atmosphere	3
	28	Insolation; Warming & Cooling Processes; Land-Water Contrasts	4
February	4	Global Temperature Patterns; Atmospheric Pressure; Global Circulation Patterns	5
	11	<u>1st Midterm (Monday 2/11)</u> ; Monsoons; <i>(No Class Friday 2/15)</i>	--
	18	<i>(No Class Monday 2/18)</i> ; Atmospheric Moisture; Relative Humidity	6 & Ch. 9 pp. 235-244
March	25	Adiabatic Processes; Global Precipitation Patterns; Midlatitude & Tropical Cyclones	7
	4	Global Climate Patterns; Climate Change; <u>2nd Midterm (Friday 3/8)</u>	8
	11	Bay Area Weather; Topographic Maps	(FG7 & FG11); Appendix II
April	18	Introduction to Geomorphology; Rocks; History of Plate Tectonics	13
	25	<i>Spring Break—No Classes</i>	--
	1	<i>(No Class Monday 4/1)</i> ; Plate Boundaries; Hot Spots & Terranes; Folding	14
	8	Faulting & Fault-produced Landforms; Volcanism & Volcanic Landforms	(FG3)
May	15	Weathering; <u>3rd Midterm (Wednesday 4/17)</u> ; Mass Wasting	15
	22	Fluvial Processes; <i>(No Class Friday 4/26)</i>	16 & Ch. 9 pp. 246-252; (FG12)
	29	Fluvial Landforms; Desert Processes & Topography	18; (FG9)
	6	Glacial Processes & Landforms; Coastal Processes & Landforms	19 & 20; (FG4 & FG5)
	13	Bay Area Earthquakes; (Last Lecture Wednesday 5/15)	Ch. 14 pp. 408-412
	<u>Wednesday 5/22</u>	<u>Final Exam – Wednesday, May 22nd, 10:30 A.M. – 12:30 P.M.</u>	--

INFORMATION & COURSE POLICIES

- Attendance:** You are expected to attend lecture regularly and to arrive on time (lectures begin promptly at 10:10 A.M.). A student may be dropped from the course after 9 unexcused absences *or if a midterm exam is missed and the instructor is not contacted within one week*. As a courtesy to your fellow students and to the instructor, please silence the ringtone on your cell phone and refrain from texting during class; ***under no circumstances should a cell phone be used in class or during an exam***. Please do not bring food into the classroom—thanks.
- Textbook:** The textbook, *McKnight's Physical Geography: A Landscape Appreciation* (10th edition) by Hess, is required. Several versions of the book are available. The paperback "Second California Edition" is recommended (it includes field guides and Google Earth™ virtual field trips for the state); the hardback version, an "eTextbook" (www.mygeoscienceplace.com or www.coursesmart.com), or the *à la Carte* (loose-leaf) version may also be used. Earlier editions of the book may be used although they lack important updated and expanded text material. You are responsible for all of the material in the assigned chapters of the book. Readings designated "FG-" are field guides in the California Edition of the textbook and are optional.
- Textbook Website:** New textbooks come with an access code to the textbook website (www.mygeoscienceplace.com; access codes may also be purchased separately). The website includes a series of animations with narrated explanations of processes in physical geography—many of these animations are shown in class and students are encouraged to view them. Although the textbook website also includes quizzes and other materials that many students find interesting and helpful, ***in order to do well in this course it is most important that you master the concepts presented in lecture and review the Study Question lists passed out before each exam***.
- Study Guide:** An optional Study Guide book for the textbook is available: *Study Guide for MCKNIGHT'S PHYSICAL GEOGRAPHY* by Hess. Some students find the Study Guide helpful, while others benefit little from its use.
- Reserve Materials:** Several copies of the textbook, Study Guide, and Animations CD are on 2-hour reserve in the library.
- Peer Mentoring:** In addition to instructor office hours, student peer mentoring and study sessions will be held in the Earth Sciences Laboratory (Science Hall, Room 45); the mentoring schedule will be posted early in the semester.
- Exams:** The exams will be a combination of short answer and multiple choice questions; questions based on maps, diagrams and photographs may also be included. The final exam will be comprehensive (will cover material from the entire course). Dictionaries may not be used during exams.
- Make-up Exams:** ***Make-up exams are allowed only under extenuating circumstances and must be arranged in advance*** (the instructor must be contacted *before* the scheduled exam time). Make-up exams may be in a format that is different from the regular exams. No extra credit assignments are given, however, students receiving less than a C on a midterm exam may correct their answers and boost their scores up to a low C.
- Quizzes:** Eight short 10-point quizzes will be taken during the semester. These multiple-choice question quizzes may not be announced ahead of time and will be taken during the first five minutes of class. Each quiz covers ***review material*** from previous lectures, as well as ***new material from assigned textbook chapters*** that has yet to be covered in lecture. ***No make-up quizzes are given and you must be in class on time to take a quiz***. You are eligible for a maximum total of 50 points from quizzes during the semester.
- Assignments:** Four take-home exercises worth 25 points each will be passed out in lecture and will be due in class one week later. ***Late assignments may be penalized 5 points for each lecture day late. If you miss class on the day an exercise is due (or when an exercise was passed out) you must call or e-mail the instructor to avoid a late penalty***. Exercises more than two weeks late may not be accepted.
- Special Needs & Emergencies:** If you need classroom or testing accommodations because of disability, need to relate emergency medical information, or require special arrangements in case of building evacuation, please make an appointment with the instructor as soon as possible. Students seeking disability-related accommodations should contact Disabled Students Programs and Services (DSPS) in Room 323 of the Rosenberg Library (415-452-5481). In case of building evacuation students should leave through the nearest exit, then move away from the building.
- Course Requirements:**
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| 3 Midterm Exams: | 100 points each | 300 points |
| Final Exam: | 200 points | 200 points |
| 8 Quizzes | 10 points each | 50 points maximum |
| 4 Take-Home Exercises: | 25 points each | <u>100 points</u> |
| | Course Total | 650 points |
- Grading Standards:** A 90.0% - 100% B 80.0% - 89.9% C 65.0% - 79.9% D 50.0% - 64.9%
- Cheating:** Since you're reading this section, you're probably a conscientious student who would never think of cheating. Less prudent students found cheating will receive 0 points on that exam and may have an additional 100 points deducted from their course total. In addition, the Dean of Student Advocacy, Rights and Responsibilities may be contacted to assess the need for further action on the part of the College.