

## **GEOGRAPHY 140B, U.C. Berkeley, Fall 2016 (4 credits)**

**Instructor:** Professor Kurt Cuffey, Departments of Geography and EPS  
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**Pre-requisite** is mandatory: Geog 140A or EPS 117

**Motivations:** To understand physical landscapes: properties, processes, change.  
+Three aspects of centrality to geography

**Class Lectures:** MW 2 – 3:30 in 145 McCone  
Office Hours: most Mondays, 3:45—5:00 in 525 McCone, and by appointment

**Term Projects:** due in my mailbox (room 508 McCone) or under my office door by 5 p.m.  
on Friday, December 9 (end of RRR week), or at an earlier date  
depending on which project you do\*

**No class:** Sept. 21 or Nov. 21. Also, no class on the official university holidays (9/ 5, 11/ 23)

**Field Trip:** depart early-afternoon Oct. 5, return evening of Oct. 9

**Mid-term Exam:** Monday, November 7

### **Required Materials:**

**1.** Text: Global Geomorphology, M. Summerfield; **2.** Map: Landforms of the United States, E. Raisz; **3.** outline of lecture notes

### **Grading**

Your grade =  $0.5 P + 0.3 M + 0.2 A$   
where M is a Midterm exam grade; P is grade on the Term Project; and A is attendance grade (Nov. 7 through end of semester). This course has no Final Exam.

The standard scale: 94-100 A; 90-93 A-; 87-89 B+; 84-86 B; 80-83 B-; 77-79 C+; 74-76 C; 70-73 C-; 67-69 D+; 64-66 D; 60-63 D- ; < 60 F

Mid-term Exam:

You are only responsible for material covered in lectures, except as specially noted.

Term Project:

A written report. To be completed individually, but group interaction and collaboration are encouraged. \*One version is tied to the field trip, the other not.

**SUBJECT MATTER:**

This course is a continuation of Geography 140A. A first semester of geomorphology (either Geography 140A, or EPS equivalent) is prerequisite.

**1. Coastal processes**

erosional/bedrock

depositional/transportational/sediment

**2. “Alternative” systems:**

**A. karst**

**B. hot and arid**

**C. glacial**

**D. periglacial**

**3. Physiographic Regions: A *selection* from the following list:**

**A. Colorado Plateau**

**B. Great Basin**

**C. Sierra Nevada**

**D. Southern and Northern Cascades**

**E. Puget Lowlands**

**F. Northern and Southern Rockies**

**G. Great Plains**

**H. Interior Plateaux**

**I. Appalachian Highlands**

**J. Coastal Plain**

**K. The Lower Mississippi**