

## **GEOGRAPHY 140B, U.C. Berkeley, Fall 2018 (4 credits)**

**Instructor:** Professor Kurt Cuffey, Departments of Geography and EPS

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**Pre-requisite** is mandatory: Geog 140A, or EPS 117 in some cases

**Motivations:** To understand physical landscapes: properties, processes, change.  
+Three aspects of centrality to geography (tenancy, interactions, place)

**Class Lectures:** MW 2 – 3:30 in 145 McCone

Office Hours: most Mondays, right after lecture. Also by appointment.

**Term Projects:** printed copy due in my mailbox (room 508 McCone) or under my office door  
by 5 p.m. on Friday, December 7 (end of RRR week)

**No class:** Nov. 19, and on the official university holidays (9/3, 11/12, 11/ 21)

**Field Trip:** depart around noon Sept. 26, return late evening of Sept. 30

**Mid-term Exam:** Wednesday, November 7.

### **Required Materials:**

**1.** Text: Global Geomorphology, M. Summerfield; **2.** Map: Landforms of the United States, E. Raisz; **3.** outline of lecture notes for 140B; **4.** your notes for 140A

### **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 (from midterm day 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.

- 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**