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:

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