Civil Engineering 180 (*Experimental Methods in Earthquake Engineering*)
Syllabus – Fall, 2013

Lecturer: Monica Kohler
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Office hours: Tuesdays, 2:00-4:00 p.m.
kohler.caltech.edu/Courses/CE180.html

T.A.: Ming Hei Cheng
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Office hours: Flexible. Email first.

Lectures/Labs: Wednesdays (or Fridays), 1 – 5 p.m., 110 Thomas

**Class requirements**
Attend four lectures and four labs. Prepare report for each experiment, due either one or two weeks after experiment.
Will need access to Matlab on personal or library computer, or on sanandreas.ce.caltech.edu.
No required textbook. Most textbooks referenced in lecture notes are on Open Reserve at the Sherman Fairchild Library.
No midterm or final.

**Lecture/Experiment Schedule**
Friday, October 11: Lecture 1 in prep for first exercise
SATURDAY, October 12: Laboratory Exercise I – Millikan Library
Friday, October 25: Lecture 2 in prep for second exercise
Wednesday, October 30: Laboratory Exercise II – Model Structure
Wednesday, November 6: Lecture 3 in prep for third exercise
Wednesday, November 13: Laboratory Exercise III – Millikan Pedestrian Bridge
Wednesday, November 20: Lecture 4 in prep for fourth exercise
Wednesday, November 27: Laboratory Exercise IV – Cantilever beam