BME 194: Applied Circuits for Bioengineers

New course—not in the catalog.

★ Learn how to interface electrodes, microphones, thermistors, pressure strain gauges, capacitive touch plates, and other sensors to microprocessors!
★ Design with op amps and instrumentation amps!
★ Learn to solder!
★ Design and build your own EKG!

Prereqs: Single-variable calculus (11B, 19B, or 20B) and calculus-based physics E&M (5C or 6C)

Where: PSB 140
When: MWF 2:00–3:10 (Winter 2013)
Lab: Baskin Engineering 150 (3 hours, time TBA)

Registration: contact Kevin Karplus karplus@soe.ucsc.edu