CS10 CHOSEN AS UC ONLINE PILOT!

Having just returned from the UC Online Pilot Project Workshop, I have great news to report … CS10 has been chosen as one of 30 courses (all across 10 UC campuses) to receive Pilot funding for online instruction! Fully online or blended.

Hello to Kara Holmes in Nashville, TN

en.wikipedia.org/wiki/Inception_(film)
Overview

- META: This course is NOT just about programming!
  - Lecs + Reading: Big ideas
  - Labs: Programming
  - Disc: Distillation

- META: plug CS195 Social Implications of Computers

- Computers in Education
  - Most important use?
  - Judah Schwartz’ continuum
  - RSA Animate “Changing Education Paradigms”
  - UC Online Pilot
  - CS10 Online
Peer Instruction (thanks to BH)

The most important use of computers in education so far...

a) Web search
b) Arithmetic drill programs
c) Word processing
d) iclicker-like technologies
e) Social networking
“Multiple choice tests have changed what counts as knowledge in schools. Open-ended questions were the norm 30 years ago. The kind of knowledge you can report on multiple-choice tests is unimportant in the big scheme of things, and what’s really important is not what you already know, but how you can take what you already know and apply it something you’ve never seen before. Multiple choice tests make that hard. Teaching follows tests! The folks who invented Standardized Testing didn’t foresee how it would affect what knowledge means! (unintended consequence)” – Brian Harvey
Computers in Education (open?)

Tools
- Word Processor
- Browser
- Programming language

Microworlds
- Interactive geometry
- Physics simulation
- Databases (e.g., atlas)

Courseware
- Arithmetic drill
- Computer-assisted instruction
- Computer-managed instruction

Myphysicslab demo
ASSIST movie
RSA Animate: Changing Education Paradigms

Sir Ken Robinson
Changing Paradigms

Every country on earth, at the moment, is reforming public education.

There are two reasons for it.
UC Berkeley Online Pilot

- Basics of Pilot
  - Blended vs Online
- What should we do?
  - How can CS10 be the course for everyone?
  - How can we use peers?
  - What’d help you most?
- Would you take this course if it’d been offered at another UC?
  - Does f2f matter?