CS10
The Beauty and Joy of Computing

Lecture #10
Social Implications of Computing

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Lecturer SOE
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Hello to **Kara Holmes** in **Nashville, TN**

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.

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
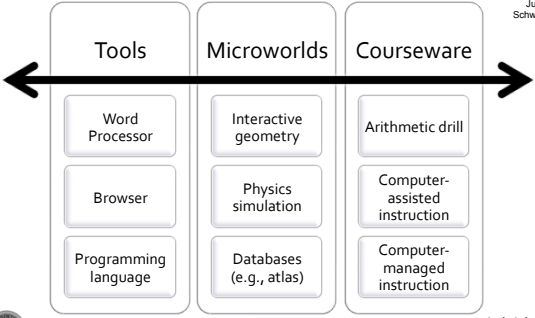

Peer Instruction (thanks to BH)

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**

Computers in Education (open?)

Judah Schwartz

Tools	Microworlds	Courseware
Word Processor	Interactive geometry	Arithmetic drill
Browser	Physics simulation	Computer-assisted instruction
Programming language	Databases (e.g., atlas)	Computer-managed instruction

Myphysicslab demo
ASSIST movie

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www.youtube.com/watch?v=zDZFcDGpL4U
RSA Animate : Changing Education Paradigms

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groups.ischool.berkeley.edu/onlineeducation/
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?