UNIVERSITY OF ILLINOIS

AT URBANA-CHAMPAIGN

The Place of Coursera in our Overall Campus E-learning Plan



illinois.edu

When "E-learning" becomes "learning"

- UIC survey
 - What students want
 - Perceptions of faculty
- Mainstream technology into all teaching/learning
 - Not just "distance ed"
 - Fully online and blended: spectrum



Reasons for more online options

- Access to online: cost and time to completion
- Students are already taking online courses from elsewhere
- Developing online courses leads to incorporating new approaches into all teaching
- Online teaching can *improve* instruction, promote innovation
- Not primarily about revenue, but about innovation and new pathways to excellence



Innovation and excellence

- New kinds of lectures and lecture delivery
- New forms of T/S and S/S interaction (inside and outside of class)
- Creating a "small class" feel in a "large class" setting
- Incorporating new modes of inquiry/investigation into class
- New kinds of student projects



Innovation and excellence (cont'd)

- New forms of evaluating teaching and learning
- Researching what we do



A transformed teaching/learning environment

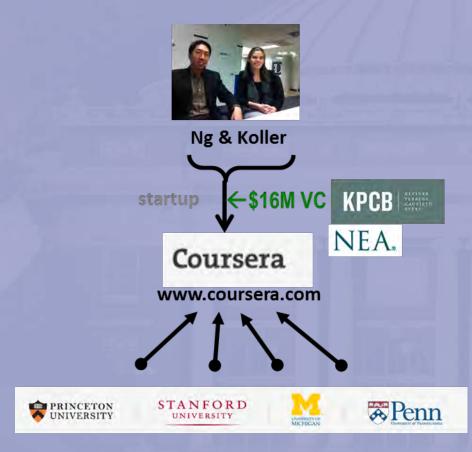
- Home of Plato
- Campus presence/identity
- National/international visibility as an online provider
- How Coursera is helping
- But:
 - MOOCs only one model
 - Can't drive campus agenda
 - Division of effort/resources





What is Coursera?

- Coursera is a MOOC platform provider
- MOOC=Massive Open Online Course
 - Massive = enrollments
 of 10,000–100,000
 - Open = anybody can take the course
 - Online = use internet technology to deliver

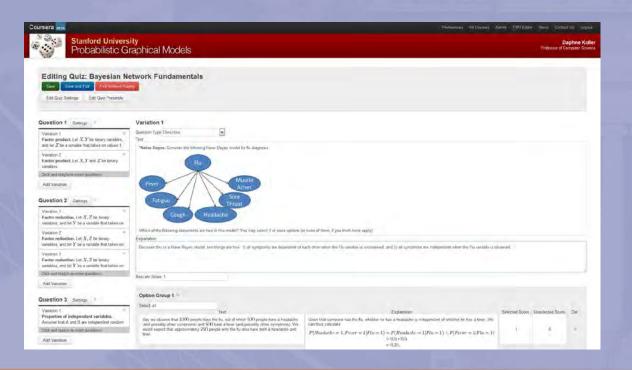


University partners



What does a Coursera Course Look Like?

- Short videos with embedded assessments
 - tools for editing/creating embedded assessments





How Does a Class with Tens of Thousands of Students Work?

- 5,000 TAs?
- Sophisticated tools for auto-grading
- Volunteer peer grading
 - Final score, average of 6-7 grades
- Online communities/discussion forums for student interaction
- Social media for group learning



How Does Coursera Work?

- Coursera does NOT own the content, the "IP"
- Courses are free to view, but monetize related services
- Coursera runs everything about the course for us



Challenges

- Accessibility "Accommodate-First" rule
 - Closed captions (verbatim transcription)
 - Audio descriptions
- Copyright
 - Exceed fair use doctrine
 - As a large and visible company, Coursera in better position to negotiate with copyright holders



10 Illinois Coursera Courses

 Hetero Parallel Programming 	12,471
Android Apps	22,223
 VLSI CAD 	5,560
 Microeconomics 	17,966
Intro Org Chem - Part 1	6,734
Intro Org Chem - Part 2	3,463
 Intermediate Org Chem - Part 1 	3,439
 Intermediate Org Chem - Part 2 	2,600
 Planet Earth 	9,601



First Illinois-Coursera Course

Introduction to Sustainability

32,241

Launched Aug 27

TOTAL ENROLLMENT > 116,000 !!



Illinois Coursera Courses

- Not the same as our face-to-face and regular online courses
- Minimal instructor-student interaction
- Not for credit
- Short 6-8 week courses



Introduction to Sustainability



Where Do Our Coursera Students Live?





"I am a native Haitian ... I am taking this class to help me better understand... what has happened to my country and to acquire knowledge and practical tools to have a greater impact....."

"Hey, My name's Nicole.... I have a genetic disorder that makes all of my joints dislocate from the smallest movement ... I'm taking this class because I find it interesting and I'm trying to figure out if I can handle going back to school by taking online classes."

"I'm a physician, with a MSc in Occupational Health.my most recent concerns are linked to the interactions between health and environment...."



"I've worked in the sustainable energy field for almost 15 yearsI registered for this course as I want to get back into the academic side of all the other aspects of sustainability..."

"I am entering my fifth year as a middle school teacher. I am lookingto expand my depth of knowledge in the area of sustainability and the environment in order to help my students make broader connections between themselves and our ecosystems."

"I am a constant learner,now I am in retirement from the workforce (bloody cancer, now clear) need to keep learning and re establish brain connections after Chemo."



"I am taking this course because I am worried. I am deeply concerned about issues around climate change and environment...I would like to hear something to give me hope.knowledge when I talk to other people."

A Kenyan engineer trying to learn how to solve his country's electrical blackouts

A UN volunteer working in Bosnia-Herzegovina seeking help so he can educate others in the Balkans

A paralyzed woman who cannot pursue education except via online



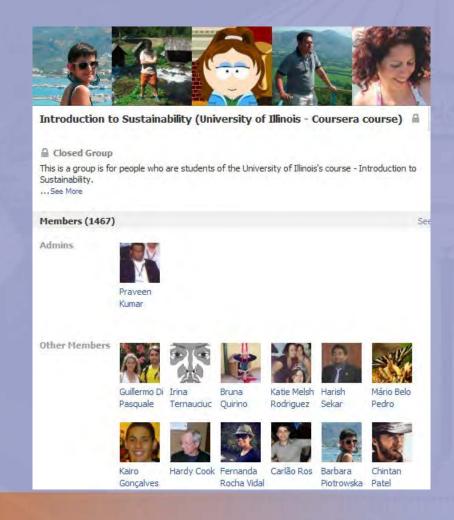
- People looking to further their careers
- Lifelong learners
- Concerned citizens
- People who have no other way to access courses
- People who want to learn so they can educate others (teachers)
- People who want to make an impact/solve problems
- People who want a global perspective
- High school students



What Are They Doing?

Connecting With One Another

Started their own Facebook group where they've introduced themselves and shared "hello" in at least 7 different languages



What Are They Doing?

- Helping One Another
 - Generating a list of sustainability-themed books, blogs, etc. that students are compiling/discussing
 - Shared and solved problems (like the inability of some students to download the PDF version of the textbook... others found a different link that seems to work better)
- Providing lots of great feedback!



Opportunities for Illinois

- Ability to:
 - Experiment with new modes of student interaction
 - Experiment with new ways to evaluate student performance
- Access to huge amounts of student data
 - Inform pedagogical practices
- Market our quality programs ("loss leaders")
- Etc.



Campus Process

- Coursera Initiative Implementation Committee
 - Compensation Models
 - Monetization Strategies
 - IP/Other Policies
 - Resources to support online education
 - How does Coursera initiative relate to our broader campus e-learning agenda/vision



How will future courses be chosen?

- Coursera Courses Review Committee
 - List of criteria to evaluate courses for delivery through Coursera
 - Courses that represent full range of what we do as a campus



Questions

