eLearning & Distance Education

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MOOCS & OOCS
The problem of access...
Education for the people...a history

London University - “External Programme”
Chartered by Q.V. 1858 first distance learning program
Endorsed by Dickens as the “People’s University”
Secular & open to women
WWII - 11,000 exams
Still over 50K enrolled
7 Nobel Laureates
Nelson Mandela
They created a model that was more “open”
Wut?
By “open” we mean to reduce barriers to access:

- Geographic
- Temporal
- Financial
- Intellectual Property
- Process
- Others?
Geographic
Temporal
Financial
Inflation Comparison: Percent Growth

Source: Bureau of Labor Statistics, Consumer Price Index
Note: January 1978 is the earliest CPI data for College Tuition & Fees.
Intellectual Property

Is it safe?
Process
Some different examples...
OOCs
"With great power comes great responsibility"
~Voltaire
Truly Open
> 1 billion problems, >300 mil. Lessons, 10 mil. students monthly
Expanding K-12 curricula (5,000 microlectures)
Adaptive learning technology
Instructor mode
Disruptive potential: High
IT BEGAN IN CANADA...

“IT’S DISRUPTING EVERYTHING!”

“IT’S A TSUNAMI OF POORLY UNDERSTOOD PEDAGOGY!”

DAY OF THE MOOC

STARRING: George SIEMENS – David WILEY – Dave CORMIER – Stephen DOWNES
Connectivists unleashing a force they cannot control!!
Founded by Sebastian Thrun in May 2012
Big on learning theory
Relatively small, quality controlled (~30 courses)
MOOC as textbook, flipped model
CS focus
Georgia Tech MS in CS! $7,000
Disruptive potential: High
Edx.org

Founded by MIT & Harvard in May 2012
OpenLearning Initiative
Online labs (virtual circuits)
Hybrid, blended and flipped models
Self assessments
Latest partnership: Google! (mooc.org)
Disruptive potential: ?
Founded early 2012
Andrew Ng, Daphne Koller (Stanford-types)
Now over 4.7 million enrolled students
About 650 courses (in 28 months!)
6 accredited by ACE
80+ Partners...(+10 State schools 1.4 million)
Disruptive Potential: ?
MOOCs
Your assignment:

- Go to www.coursera.org or www.edx.org
- Enroll in a course
- Play
- Watch at least one video in its entirety
- Try a quiz or assessment of some kind
- Visit the discussion board - evaluate
- Explore
Questions:

- What do you think about open?
- What are MOOC strengths/weaknesses?
- Instructor presence?
- What are the implications?
- What can I learn from these producers?
- IP? What can I use?
Thank you.
Links:

http://idesign.uaf.edu/courses/opencourses/
http://hrlm120.community.uaf.edu/
http://www.openculture.com/freeonlinecourses
http://oedb.org/

MOOCS

http://www.khanacademy.org/
https://www.edx.org/
https://www.coursera.org/
https://www.udacity.com/