Digital Education Disruption

John H. Schwartz
Head of Global Business Development
edX
20 Million
Global learners

2400
Courses

140
Global partners

60 Million
Course enrollments

25,000+
Number of credit eligible learners

Technology is affording scholars with new audiences
“College is a fraud in every sense of the word,” “It doesn’t provide what it should provide. Graduates don’t know anything that’s worth knowing because college is above all that.”

50% of US colleges will be bankrupt in the next 10-15 years

Clay Christensen ---- Harvard Business School
WHAT DO TOP EXECUTIVES THINK?
DAVOS
MICROBACHELORS DEGREE

MicroBachelors™ programs will address the cost, time, relevancy and quality challenges of undergraduate education. MicroBachelors programs are a career-relevant stand-alone credential endorsed by corporations, and will also stack into fully online, accredited Bachelor’s degrees.
In the early 1980’s Buckminster Fuller observed that until 1900 human knowledge doubled approximately every century. By the end of World War II, it was doubling every twenty-five years. Today, by current estimates, human knowledge is doubling every thirteen months. This trend is likely to continue; our partner IBM have hypothesized that knowledge could double every 12 hours as the internet of things grows.
Learning for the 21st Century

**Faster**
25 – 50% of a Master’s degree

**Career-Focused**
Endorsed by employers

**Flexible**
Fully online and open admissions

**Affordable**
Free to Learn
~$1,000 for a MicroMasters credential

**Pathway to Credit**
Credit is exchange currency
Case Study: MIT MicroMasters Program in Supply Chain Management

- 200,000 learners signed up
- 19,000 certificates awarded
- 1,100 learners completed all five courses
- 800 learners took comprehensive final exam
- 622 learners passed the exam
- 130 learners applied to finish the full degree at MIT
The edX Corporate Advisory Board

- Deloitte
- Microsoft
- IBM
- Google
- Boeing
- Accenture
- McKinsey & Company
- GE
- MasterCard
- Shell
- HCL
- Genpact
- Future Workplace
- Samsung
- Burning Glass
- Amazon
- Hilton
- Tata Consultancy Services
- NIIT
- Shire
- Huawei
Open admission – everyone welcome
Learn for free online
Pay for credit if you pass
Unbundling the Credential Clock Content Cost
Top Emerging Trends

- Machine Learning
- Artificial Intelligence
- Statistical Analysis and Data Mining
- Computer Vision
- Natural Language Processing
- Deep Learning
- Sensors and Networks / Internet of Things
- Driverless / Autonomous Vehicles
- Genomics
- Blockchain, Digital Currency
- Computational-Assisted Diagnoses
- Generative Design
- Digital Manufacturing and Design
- Additive Manufacturing / 3D Printing
- Virtual Reality / Augmented Reality
- Nanotechnology
has Become a Worldwide Movement

Lagunita.Stanford.edu

12M additional learners on 800 open edx sites
Technology is affording learners with new opportunities
Big Data + Neuroscience
What is the future of education?
What is the future of education?

Blended?
Omnichannel?
Lifelong?