

Georgia Tech

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July 22, 2014

Georgia Tech Context

- Professional Education (annually)
 - 13,500 individuals from half world's countries
 - 3,000 companies
 - \$28.5M revenue (~50% back to GT)
- Coursera
 - ~750,000 enrollments in 2 years
 - 20+ courses, ~10/year created
 - Past year has seen many flipped classes
- Online Master Science Computer Science
 - With Udacity and AT&T
 - Fall 2014: 1,200 students; Spring 2015: 2,000 students
 - Non-credit courses also available

Higher Education: Changing Context

- Public pressure on higher education
 - Student loan debt exceeds consumer credit debt
 - No longer just great graduates; must be employable
 - No longer initial job; interact for lifetime career
 - No longer just world class research; create companies/jobs and move research findings to industry faster
 - No longer just local impact; influence global activities
 - Qualities of graduates: innovative/creative problem solvers
- Changing federal/state/endowment budget landscapes
- Partnerships benefitting local economies and their workforce, global implications
- Compliance/governance more complex
- More emphasis on bottom line ROI

Global Influences

- Technology rapidly influencing jobs
- Technology enhancing learning
 - Online around for some time, as has cognitive aids
 - New abilities, for residential and online
- Power of the human network
 - Circa 2010, Global ‘think tank’ at Aalto University
 - A new sociology of learning & work
 - Not only personal, but for network gain
 - Not random encounters, but meaningful networks
- Return on investment
 - Internal: recover costs before next technology
 - External: recover education cost through impacts

Concrete Next Steps

If faculty interested:

- Consider focused/measurable partnerships
 - External, augment capabilities
 - Internal, seek out potential expertise
- Seek industry support
 - Changing workforce & corporate strategies
 - Alternative to federal research programs
- Provide student services for online (campus partner)
 - Adult learners have different needs
 - Showcase relevancy
 - Course/program completion may not be right metric