Georgia Tech | College of Computing

OMS CS

ONLINE MASTER OF SCIENCE IN COMPUTER SCIENCE

Powered by Udacity

The best education in the world.
The best education for the world.
Georgia Tech's OMS CS degree.

OMS CS: What are we talking about?

- OMS CS: Online Master of Science in Computer Science

- Collaboration among GT, Udacity & major corporation

- Announcement targeted for May 2013

- Program launch October 2013-January 2014

Rationale – Part 1

- **We can educate the world**

- **Lead, not follow—taking 1st real step in the revolution**

- Students want degrees, not just courses

- MS & CS are best places to start

- It makes financial sense

- Georgia Tech can do it

Rationale – Part 2

- Pool of prospective students exponentially larger

- Opportunity to redefine learning experience to be more student-focused

- New pipeline for PhD students

- Non-traditional students (international, working professionals)

- Address current shortage of trained computing professionals

Why Udacity?

- Experience in online education delivery

- Quality of product

- Introducing MOOC 2.0

- Experience in massive-scale projects (Google Maps)

- Efficiency of execution

Budget – Part 1

Student Projection

I = Prospective degree-seeking (2 courses per term)
II = Degree-seeking (2 courses per term)
III = Credit-seeking but non-degree-seeking (1 course per term)
IV = Non-credit-seeking (MOOC)

Year/term	I	II	III	IV
1/1	200	0	0	TBD
1/2	200	200	200	TBD
2/1	800	750	500	TBD
3/1	1,500	3,290	1,500	TBD
3/3	2,000	5,890	2,000	TBD

Budget – Part 2

Fixed costs

    Course production = $300K per course

    Course maintenance = $100K per course

    GT personnel = $457K in Year 1, $911K in Year 2, $1.129M in Year 3

Variable costs

    Student services

    Exams

    Machines and software licenses

    Recruiting

Budget – Part 3

Georgia Tech net revenues

Year	1	2	3
Tuition & inst. fee			
Based on $402/3 credit			
Class, SIF $194 & TF $107)	$1.6M	$8.9M	$22.6M
Corporate sponsorship	$2M	–	–
Total costs	$1.1M	$1.9M	$2.5M
Overhead return	$229K	$409K	$547K
Gain/loss	$241K	$833K	$5.0M
Technology fee	$190K	$1.1M	$2.6M

Contract

- 60/40 GT/Udacity split (also for losses)

- Georgia Tech degree/processes (admissions, registration, payment, assessment, evaluation, degree certification)

- Georgia Tech IP, Udacity platform

- Initial production by Udacity, followed by transition to GTPE