



Northeastern



Northeastern

Terrence Masson

Director of Creative Industries
Northeastern University – Boston, MA

SIGGRAPH 2010
Conference Chair



ACM SIGGRAPH



Northeastern

Building Northeastern University's Game
Design curriculum from scratch



Northeastern



My production background :

- Animation
- Visual Effects
- Game development
 - Commercials
 - Special venue



Northeastern

Why create a Game Design program?

- (Don't I have enough to do already??)



Northeastern

Why create a Game
Design program?

- World Market



Northeastern

Why create a Game
Design program?

- World Market
- City & State initiatives



Northeastern

Why create a Game
Design program?

- World Market
- City & State initiatives
- Local production needs



Northeastern

Challenges ...



Northeastern

Challenges ...

- Process ...

- Department Curriculum Committees
 - Art + Design, Music, Computer Science
- College Curriculum Committee
- Dean's Office
- University Undergraduate Curriculum Committee
- Faculty Senate
- President
- University Trustees



Northeastern

Challenges ...

- Local
- Competitive Analysis



Northeastern

Challenges ...

- Local
 - World-wide
-
- Competitive Analysis



Northeastern

Strategic Advantages

- Major University
- (very) Busy Gaming City
- (production) Team based interdisciplinary core



Northeastern

Curriculum Goals

- Undergraduate only



Northeastern

Curriculum Goals

- Undergraduate only
- Minor



Northeastern

Curriculum Goals

- Undergraduate only
- Minor
- Dual Majors with
 - Computer Science (BS)
 - Digital Art (BFA)
 - Graphic Design (BFA)



Northeastern



- Multi-sided dice and beer



Northeastern

Show them a sample!



Northeastern

Additional Research &
Production Goals

- Programmable per-pixel shading pipeline



Northeastern

Additional Research & Production Goals

- Programmable per-pixel shading pipeline
- Co-Op program



Northeastern

Additional Research & Production Goals

- Programmable per-pixel shading pipeline
- Co-Op program
- Capstone



Northeastern

Thanks ...

- Creative Industries Committee
Art + Design, Music, Computer Science
- Interdisciplinary Studies
- Dean's Offices
Arts and Sciences, Computer Science
- Provost
- Department Chairs
Art + Design
Music
Communication Studies
Journalism
Technological Entrepreneurship
Engineering
- Outside Advisors



Northeastern

Q & A



Northeastern

Terrence Masson

Director of Creative Industries

Northeastern University – Boston, MA

t.masson@neu.edu

www.ci.neu.edu

SIGGRAPH 2010

Conference Chair

terrence_masson@siggraph.org



ACM SIGGRAPH