Faculty Senate

October 21, 2013

Elias Eldayrie, Vice-President and Chief Information Officer
Hype Cycle for Education 2013

Figure 1. Hype Cycle for Education, 2013

- Adaptive E-Textbooks
- Big Data
- Gamification
- MOOC
- Social Software Standards
- Wireless aaaS
- COBIT
- Adaptive Learning
- Digital Preservation of Research Data
- BYOD Strategy
- E-Book Readers
- Game Consoles as Media Hubs
- Tablets
- Unified Communications and Collaboration
- 802.11n
- Mashups
- Self-Publishing
- Lecture Capture and Retrieval Tools
- Intellectual Property Rights and Royalties
- Management Software
- IT Infrastructure Utility
- Enterprise Architecture
- SaaS Administration Applications
- Open-Source Learning Repositories
- Hosted Virtual Desktops
- Emergency/Mass Notification Services
- Virtual Environments/Virtual Worlds

Source: Gartner (July 2013)
FLORIDA IS LEADING THE NATION WITH ITS ONLINE EDUCATION INITIATIVES. IS YOUR STATE NEXT? p. 10

Cover of Campus Technology
October, 2013
Connecting Students and Faculty
Flipping the Classroom

Growing Demands

48% STREAMING PRESENTATION VIEWS

496,392 MAY 2012

736,588 MAY 2013
Academic Resources

Student Virtual Apps

Access Your UF Apps. Anywhere.

Learn more @ info.apps.ufl.edu

teach.ufl.edu

Online Training

lynda.com
Classrooms

Over 50 classrooms are upgraded annually
~$1.5 million

Classroom Technology Training Videos
Support

BYOD

Mobilize Legacy Systems

Pedagogy & Content Presentation
GatorNet
Innovation Campus Pilot Sites

100GE – Science DMZ – Software-Defined Networking

(As of May, 2013)
UF RESEARCH COMPUTING: INCREASE IN EXTERNALLY FUNDED PROJECTS

2011: $55M
2013: $175M

CAMPUS RESEARCH NETWORK CAPABILITY EXPANSION

A 900% INCREASE IN TWO YEARS
- Number of attacks detected: 197 M
- Estimated of cyber attacks in 2 years: 2X
- Estimated cyber cost will increase by: 40%

MINIMIZING VULNERABILITIES FOR UF

IDENTIFIED AND RESOLVED
37,458 CRITICAL VULNERABILITIES

NOTIFIED SYSTEM OWNERS OF
4,917 MALICIOUS SOFTWARE AND VIRUSES

SECURITY SCANNERS

UF SECURITY MONITORING INFRASTRUCTURE
Questions & Discussions