Strategic Theme: Using Technology Effectively

Goal: Leverage mobile computing to increase access and flexibility to learning

According to a 2011 study by CollegeHack (http://mashable.com/2011/10/31/cellphones-college-students/):

- 94% of college students text daily
- 57% of college students use a smart phone
- 88% of college students routinely text during class
- 40% of college students have studied using their phone before an exam

While BSC has enabled many of our learning management system (Pearson eCollege) tools to be accessed via mobile devices, we have no other mobile-specific presence that this team is aware of.

Incorporating a mobile version of our website and CampusConnection, native applications for our learning management system and general campus information, and digital resources that can be accessed via mobile devices will assist us in attracting and retaining students that have grown up with this technology and use it on a daily basis.

Steps
- Infrastructure to build capacity to handle it
- Curriculum that supports it
- Support and training

Resources
- Infrastructure
  - Hardware, consultants, ITD/NDUS support
  - 1 full time employee with expertise
  - Office space
  - $ for position, hardware, & consultants
- Curriculum
  - 1 new instructional designer/technologist
- Support and training – people

Mobile Computing Time Frame
- 6 months ---- Infrastructure
  - --------Curriculum
  - --------Support /Training

Suggested Champion – Co-Champions:
- Elmer Weigel and Scott Helphrey
- Who specifically
  - IT
  - Instructional Technology Center
  - Faculty – Identified early adopters
  - Bookstore

Success
- Infrastructure in place and students and employees using it
Goal: Implement Campus-wide Services that are cost effective, easily integrated, efficiency focused and constantly improving using campus and system level resources

Steps
- Develop an integrated, campus-technology plan
- Identify funding needs and sources
- Identify human resource needs and funding mechanism
- Acquire necessary technologies
- Establish measurable outcomes
- Addition of full-time project manager

Resources
- Appropriate funding, human resources, technologies (i.e. hardware, software, network infrastructure, etc.), professional services (consultant), Educause, NDUS resources (both funding and human resources), ITD

Time Frame
- First 6 months – develop a Campus-wide Integrated Technology Plan
- 3-5 years – have campus-wide technologies in place and operational (i.e., implementation of SharePoint, implement a One-Card System, advance ImageNow on campus, transition to IPv6, Replace PBX/Unified Communications, Implement Lecture Capture software and closed captioning, creation of electronic work flows for campus business processes, implement virtual labs, implementation of electronic forms for campus-wide use, upgrade networking infrastructure to accommodate required additional throughput for voice, data and video traffic, join Lineworker campus network to the main campus network, provide the tools to do proactive network scanning as required by NDUS policy 1901.2)

Champions:
- Elmer Weigel
- Additional key players
  - IT/IS
  - PM (Project Manager)
  - Principle Stakeholders
  - NDUS
  - ITD
  - External Contracting Services

Success
- Campus Efficiencies
- Effectiveness