

North Carolina A&T State University

**Board of Trustees
Academic Affairs Committee**

DIVISION OF INFORMATION TECHNOLOGY

Friday, November 16, 2012
8:00 – 10:00 a.m.

**Barbara J. Ellis
Vice Chancellor and Chief Information Officer**



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Division of Information Technology

Strategic Initiatives:

1. Enhance/Extend the IT infrastructure to facilitate an interactive community of learning and delivery of services and support, on demand, anytime, anywhere.
2. Standardize, Simplify, Automate
3. Establish a leadership position in the identification, adoption, implementation and promotion of emerging technologies University wide in support of the learning goals and objectives of the academic community.
4. Facilitate University outreach and engagement by developing partnerships and collaborations to extend the university community of learning.
5. Expand the technology infrastructure and solutions to support a data driven decision process, learning and research analytics.



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Division of Information Technology

Expanded Capabilities...



VoIP



Google apps



Storage Area Network



Lotus Notes



Virtual Desktop Labs



On-Line Application and Housing Payment



R25
e-Calendar System



medicat.
YOUR PARTNER IN COLLEGE HEALTH
Medical System



AdmissionPros



Server Virtualization



Blackboard
Mobile





Academic Math Emporium


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Data Classification Policy

- **Purpose:** To provide users with data classification governance in order to protect University data from unauthorized use including but not limited to acquisition, access, disclosure, retention, and disposal.
- Applies to University data in typed, printed, written, electronic, and/or verbal formats regardless of how data are communicated, how data are transmitted, and/or whether data are saved to storage media such as hard drives or CDs.
- Complies with data protection mandates of federal laws, state laws, industry standards, and contractual agreements (i.e. Family Education Rights and Privacy Act, Payment Card Industry Standard, the North Carolina Public Records Act).
- Data classification categories:
 - » **Restricted Data:** Data for which the highest levels of protection apply due to the risk or harm that may result from improper data acquisition, access, disclosure, retention, and/or disposal.
 - » **Public Data:** Data for public use that has neither disclosure nor access restrictions.
- Approved May 16, 2012
- View policy online: <http://www.ncat.edu/divisions/doit/policy/index.html>



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Teaching and Learning with Technology (TLT)


“Facilitating student success through digital, mobile, and social environments.”

Tracie O. Lewis, Ph.D.
Coordinator for Distance Learning



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What is Teaching and Learning with Technology?

INSTRUCTIONAL TECHNOLOGY:

- The practice of facilitating learning and improving performance by creating, using and managing appropriate technological processes and resources.

TECHNOLOGY TRAINING:

- The delivery of technology instruction to enhance the proficiency of employees, faculty, and students in the use of technology.

ACADEMIC SUPPORT GOALS:


- Equip instructors and students with technology tools that facilitate the teaching and learning process and enhance opportunities for student success.
- Assist instructors with preparing instruction that:
 - Keeps students engaged so they become *active* participants in their own learning.
 - Is accessible anytime, anywhere, and on any device.
 - Provides real-time feedback on student progress.

CLASSROOM TECHNOLOGY SUPPORT:

- The application of on-going training, support, and assistance to faculty in the delivery of instruction.

LEARNING RESOURCE CENTER (NEW):

- Instructional technology design, emerging technology assessment and experimentation, and learning tools.



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Instructional Technology

- Technology-centered instructional strategies
- Planning and designing web-based course materials
- Workshops for faculty (Blackboard, Software, Hardware) – Over **200** sessions offered each year
- Faculty Resource Center









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Classroom Technology Support


- Blackboard Learning Management System
 - Over **10,000** active users and **3,000** active courses
- Lecture Capture
 - Available in 3 academic buildings (SoT, CoE, and NACB)
 - Available through personal computers
- Video Conferencing
 - Real-time, two-way interactivity
 - “Introduction to Global Studies” course with China
- Virtual Meeting Spaces/Web Conferencing
 - Anytime, anywhere meetings
 - Face-to-face interactions with students







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Technology Training

- **Staff Technology Administration Training (STAT)**
 - Technology training program for administrative staff
 - Spring 2012 Pilot – 23 staff
 - Fall 2012 – 30 staff
- **STAT Components**
 - Curriculum to develop and enhance skill competencies
 - In-depth skills assessment testing
- **12 Topics – Core Courses and Electives**
 - **Sample Core Courses:** Intro to Computer Workspace, Desktop Organization, Software Installation, Virus Protection and Identify Theft, Email




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Enhancements – Learning Resource Center

- Faculty and student access to emerging technologies and learning tools
- Collaborative Learning Spaces
(ex. Bluford Library)
- Active Learning Labs
(ex. Math Emporium)
 - Self-paced, interactive instructional modules
 - Problem-based active learning with real-time feedback
 - Mobile Devices
 - Anytime, anywhere, any device access to course materials
(ex. Blackboard Mobile)

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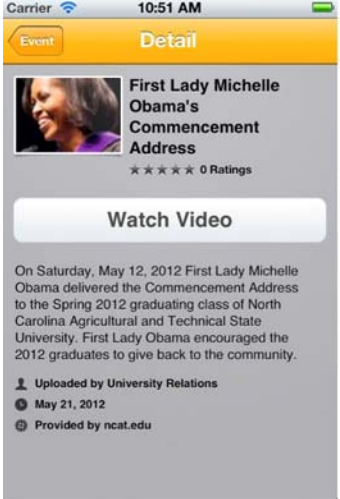
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Enhancements – Blackboard Mobile

Sample – Springboard



Sample – "Videos" Module



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QUESTIONS

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