

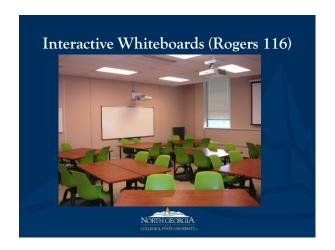


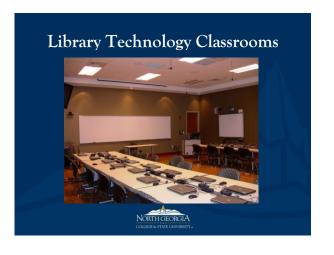
# Classroom Technology

- Currently 120 classroom spaces
- All 120 are technology-enhanced
- 1,356 course sections are being offered this semester to 6,145 current students
- 711 sections have an active online component (52.4%)
- 20 lecture-capture/streaming enabled rooms
- 15 distance learning enabled rooms









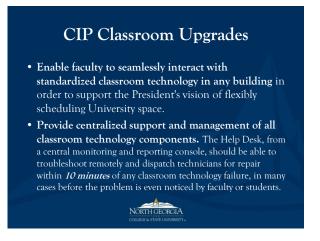


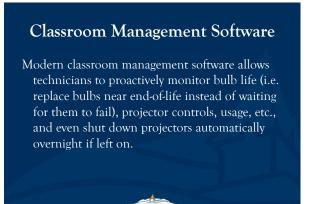


# Capital Improvement Project The \$1 Million 2011 Capital Improvement Plan classroom technology upgrade project, completed in August 2011, achieved the following goals: Upgraded 120 classrooms to a standard of excellence for 21st century teaching and learning, including functional (projection, classroom controls) and cosmetic (instructor furniture, cabling) upgrades, to make North Georgia's classrooms world-class learning environments.











# CIP Classroom Upgrades

- Include asset management for real-time security of all classroom equipment and full inventory reporting. If a projector is removed, the central monitoring station and Public Safety will be notified immediately.
- Enable easy addition of other novel technologies including classroom lecture capture, addition of videoconferencing, digital room signage, scheduling software, etc. with little marginal expense.



# CIP Classroom Upgrades

• Provide a rich, interchangeable selection of classroom technology equipment (digital document cameras, lecture capture setups, interactive whiteboards, mobile interactive video carts, mobile laptop lab carts, student response 'clickers', etc.) that can be assigned to several rooms per semester and/or checked out occasionally to enhance the teaching and learning experience.

# Distance Learning Technology

- We currently have 15 video teleconferencing classrooms and boardrooms on campus, including newer high-definition (HD) video teleconferencing capabilities
- Three rooms are used primarily by Nursing for up to 180 students per course at three sites simultaneously for up to four hours a day (Dahlonega, Gainesville, and Cumming)







# **Online Learning Support**

- Blackboard Vista: over 700 sections (over 50% of all course sections) have an active component in Vista, our online Learning Management System - allows 24x7 access to lecture slides, assignments, tests, grades, and more
- Wimba: Synchronous audio/video and content online learning system, with lecture capture capabilities



### Online Learning Support (cont.)

- Lecture capture capabilities (Ensemble and Polycom) currently in use in School of Science & Health Professions and the Mike Cottrell School of Business
- Allows recording of both video and content (professor and computer in two windows)
- Lecture streaming allows live or recorded access to full class for students who are out sick or traveling with work, etc.



### Who we are

- IT at North Georgia comprises 35 FT staff and 20 student techs in 6 units: IT Service Desk, Technical Support, Engineering, Application Development, Security and Infrastructure Services (see us at http://northgeorgia.edu/IT)
- CIO former faculty member in Computer Science
- Talented, dedicated and service-oriented staff



### Our services

- IT provides a full service catalog to over 7,000 users on the main campus and at four remote locations
- The IT Service Desk is the point of contact for all IT services, including faculty/staff personal computer needs
- New for Fall 2011: IT Service Catalog, Microsoft Student Option, 100% wireless campus, & more

# North Georgia IT Service Catalog

Account Management, NorthGeorgia netID...

**Business Systems** Banner, Application Development and Advisory Services...

Data Center & Servers Server Hosting, Storage...

Desktop Computing
Standard Desktop Support, Computing Labs...

Email, Calendar & Collaboration GroupWise, Google Apps for Education...

Help Desk Services
Help Desk...

Instructional Technology Classroom Support, Distance Learning...





### Our infrastructure

- Over 7,000 network ports up to 10 Gbps, 200 wireless access points supporting 4000+ wireless devices per day, 200 network printers, 70 servers, 80 TB of storage, 3 server rooms, supporting:
- 120 classrooms, 50+ buildings, 30+ computer labs, 7000 users, 1900 computers, 60+ administrative applications, 1300+ custom Banner programs, and more...

### Coming soon...

- North Georgia Network (NGN) fiber optic grant (\$43 million, 12-county grant application)
   construction began January 2011, 260-mile loop complete this month, live in Jan 2012
- Also adding 500 Mb Windstream connection for failover – three connections total to the Internet



### NGN in Brief

- Ultra-high-speed (Terabyte+) broadband fiber optic 260-mile loop through 12 counties
- Over 1000 miles total fiber including middlemile and fiber-to-the-home/business
- Bringing thousands of north Georgia families and businesses to the right side of the digital divide

NORTH GEORGIA COLLEGE & STATE UNIVERSITY

