



NORTH CAROLINA AGRICULTURAL
AND TECHNICAL STATE UNIVERSITY

CLASSROOM AND COMPUTER LAB TECHNOLOGY UPDATE

Tom Jackson

Vice Chancellor of Information Technology and Chief Information Officer

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BOT University Affairs Briefing

AGGIES **DO**

FY 2017 Technology Assessment

Classrooms

- 393 rooms
- Survey included
 - » Audio/visual systems
 - » Projectors and monitors
 - » Computers

Computer Labs

- 62 labs
- 1,149 machines

Assessment Results

Classrooms

- Projectors – 239 rooms (61%)
- Computers – 208 rooms (53%)
- Audio/visual – 170 rooms (43%)
- Additional Issues
 - » Power and network cabling
 - » Unmanaged hubs and switches
 - » Furniture and screens
 - » Lack of standardization

Computer Labs

- Limited Access
 - » Open labs – 16 (26%)
 - » Instructional/limited access – 46 (74%)
- Appropriate Platforms
 - » PCs or thin clients – 1,117 (97%)
 - » Macs – 32 (3%)
- Additional Issues
 - » Older models
 - » Underpowered

Classroom and Computer Lab Strategy

- Equipment rotation cycle
 - » 5 year cycle
 - » 3 or 4 year computer cycle
- Discipline appropriate technology
 - » Adding Macintosh support
 - » High end computers where needed
- Establish campus-wide baseline
- Baseline
 - » Laser Projector or monitors
 - » Automated projection screen
 - » Crestron control system
 - » Instructor's computer
 - » Instructor's podium
 - » Sound system
 - » Occupancy sensor

Classroom and Computer Lab Strategy

- Expand hours of open labs
 - » Need evening hours
- Expand number of machines available in current labs
 - » Current labs are low hanging fruit
 - » New lab locations require more planning and funding
 - » Long term – large, central open labs
- Ask departments and colleges to share labs
 - » Especially during initial cycle
- Work with colleges and departments on additional software

Implementation Priorities

- Departments facing re-accreditation
- Most heavily used labs
- Locations lacking technology or with old technology

Classroom and Computer Lab Upgrades – FY17

	Total # of Spaces	Total # of Computers	Total # of Classroom Computers
A/V Upgrades (Classrooms, Auditoriums, Conference Rooms)	57		50*
Computer Labs with A/V Upgrades	7	163	7
Computer Labs	8	138	
TOTAL	72	301	57

*7 spaces with specialized equipment

Total \$1.4 million investment

Classroom and Computer Lab Upgrades – FY18

	Total # of Spaces	Total # of Computers	Total # of Classroom Computers
A/V Upgrades (Classrooms, Auditoriums, Conference Rooms)	84		67
Computer Labs with A/V Upgrades	7	135	7
Computer Labs	3	58	
TOTAL	91	275	74

* 14 Spaces in NACB will receive only projector upgrades

**17 Spaces in NACB will receive podium computers only and 5 spaces in Carver will receive classroom computers only

Total \$1.9 million investment

Questions?

