



NORTH CAROLINA AGRICULTURAL  
AND TECHNICAL STATE UNIVERSITY

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# *TECHNOLOGY STRATEGY STATUS UPDATE*

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Vice Chancellor for Information Technology Services

September 21, 2018

BOT Business Affairs Committee

AGGIES **DO**

# Technology Strategy Implementation FY19

- Banner and Ancillary Software
- Infrastructure
- Education and Research
- Staffing
- ISO 27002 Standard



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# *Banner and Ancillary Software*

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## Banner 9

- Advancement
  - » Live – August 10
- Student and Financial Aid
  - » Go Live – Sept 28
- Finance and Human Resources
  - » Go Live – Oct 15
- Banner 8
  - » Shutdown – Nov 16

## **Banner 9 Next Steps**

- Self Service Banner
- Oracle Cloud Customer (OCC) Migration
  - » Oracle RDBMS 12.2
  - » In progress – Go Live Oct. 20

# Banner Document Management

- In Production
  - » Financial Aid
  - » Accounting
  - » Human Resources
  - » International Programs
  - » Advancement
  - » The Graduate College
- In Process
  - » Admissions
  - » Registrar's Office
- Pending
  - » Payroll

## Web Site

- Cascade Content Management System
  - » Upgraded to current version
  - » Migrated server environment to Western Data Center
- Redesign
  - » Research and Analysis – complete
  - » Design and Development – in progress
  - » Content Migration
  - » Go Live



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# *Infrastructure*

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# Infrastructure Projects

- Complete
  - » Core fiber loop
  - » Second NC-REN
  - » Wireless expansion (7 academic buildings)
  - » Perimeter firewall installation
  
- Underway
  - » Craig equipment room upgrade
  - » Telephone system re-configurations

## New Projects

- Multifactor authentication
- Network access layer upgrade
- Network closet remediation



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# *Education and Research*

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# 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
  - May substitute interactive displays for projectors and screens

## 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	
<b>TOTAL</b>	<b>72</b>	<b>301</b>	<b>57</b>

\*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	
<b>TOTAL</b>	<b>91</b>	<b>275</b>	<b>74</b>

\* 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



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# *Staffing*

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# ITS Reorganization Status

- Final campus interviews
  - » Deputy CIO
  - » Associate VC Data Governance
  - » Director, Enterprise Applications
- Filled
  - » Director, Client Technology Services
  - » Director, IT Project Management and Business Operations
- Hiring in Progress
  - » Director, Network and System Administration





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# *ISO 27002 Standard Implementation*

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## Status

- Operating standards
  - » Four standards under development
- Vulnerability Scanning
  - » Scanning in process
  - » Remediation process under development
- Information security assessments
  - » Complete – Business & Finance, ITS, Student Affairs
  - » September – CAES, COST, Human Resources, Library, OSPIE
  - » October – Athletics, COE, DORED, Enrollment Management, JSNN

# Status

- Consolidation
  - » Working with College of Health and Human Services
- Asset Inventory
  - » Inventory underway in association with Information Security Assessments
- Governance
  - » Committee development in progress

# Questions?

