



NORTH CAROLINA AGRICULTURAL
AND TECHNICAL STATE UNIVERSITY

TECHNOLOGY STRATEGY STATUS UPDATE

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Interim Vice Chancellor of Information Technology

April 28, 2017

Broad of Trustees Meeting

AGGIES **DO**

Technology Strategy Implementation FY17

- IT Governance
- Banner and Ancillary Software
- Infrastructure
- Education and Research
- Staffing



Education and Research

Education and Research – Status

- Classroom Equipment and Computer Lab Assessment
 - » Complete
- College and Department Planning Sessions
 - » Complete
- Proposed Campus Funding and Support Model
 - » Complete
- Current Projects
 - » College of Education
 - » Department of Journalism & Mass Communications

Classroom Strategy

- Create five-year replacement cycle for baseline technology
 - » Update 20% of classrooms every year, forever
 - » Fund from E&T fee, about \$1.2 million per year
 - » Additional start-up costs
- Tentative baseline
 - » Projector
 - » Computer
 - » Sound
 - » Audio/Visual Control
- Work with colleges and departments on additional hardware

Computer Lab Strategy

- Create three or four-year replacement cycle
 - » Update between 25% and 33% of computer labs every year, forever
 - » Fund from E&T fee, about \$500K per year
- Focus on hardware and baseline software
- Support both PCs and Macs
- Use higher-end machines where needed
 - » Graphic or Video Editing, Data Analysis
 - » Extend useful life to four years

Computer Lab Strategy (cont.)

- 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

Tentative First Year Implementation

- College of Arts, Humanities and Social Sciences
 - » Journalism and Mass Communications (re-accreditation)
 - » Crosby and Gibbs Halls
- College of Agriculture and Environmental Sciences
 - » Landscape Architecture (re-accreditation)
 - » Craver, Sockwell and Webb Halls
- Possibly additional lab updates
 - » Provide more open access



Staffing

Technology Support Strategy

- Expanded Help Desk
 - » First tier response/technician dispatch
 - » Combination permanent employees and students
- New Technology Support Unit
 - » Installation and break/fix
 - » Combine classroom, central techs, distributed techs
- Use students as first tier technicians
- Fund from E&T fee
 - » Cost additional \$250K/year



Banner & Ancillary Systems

Banner & Ancillary Systems – FY 17 Focus

- Academic Reorganization
- Recruitment
- Student Success
- Efficiency
- Mandates

Banner & Ancillary Systems – Status

- Overall
 - » 19 Active Projects
 - » 19 Completed Projects
 - 12 Mandates
- Critical Projects
 - » Degree Works
 - » Fixed Tuition
 - » Rave Alert (complete)
 - » Recruiter (shifting focus to other priorities)

Banner & Ancillary Systems – Additional Priorities

- Electronic Forms and Process Automation Initiative
 - » Major new initiative
- UNC Fostering Undergraduate Student Success Scripts (FUSS)
- Chrome River
- T2 PARCS
- Academic Works
- Academic Affairs
 - » R25/25 Live or Ad Astra
 - » Acalog and Curriculog

Banner & Ancillary Systems – Fixed Tuition

- Fixed Tuition
 - » Policy approved in January
 - » Regulation delayed until April
 - » Solution under review by campuses
 - » Solution needed by July

Banner & Ancillary Systems – Banner 9

- New User Interface
- Major Technology Changes
- Major Project
- Multi-year Span



Infrastructure

Infrastructure – FY17 Focus

- Network Upgrade Initiative
- Network Security Initiative
- Cloud Initiative

Network Upgrade Initiative – Status

- Upgrades
 - » Core Fiber Loop – Conduit Installed
 - » Second NC-REN Connection – Requisition Issued
- Northern MDF Upgrades
 - » Leverage existing facility
 - » Initial design complete
- Wireless Site Surveys
 - » Underway in academic buildings



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CONCLUSION

Technology Strategy Status Update

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