

Academic Technology Plans – Emergent Themes and Unmet Need

February 2006

Goal 1 - Enhance student access to technology resources that support their learning and research

Shared Goal 1.1: Supplement/expand use of mobile computing (wireless, PDA, etc.)

Focus shifting from wireless infrastructure to mobile applications such as coursecasting, PDA/Tablet initiatives. Little unmet CAR need.

Shared Goal 1.2: Provide access to and support for departmental and unit computer labs

Significant unmet One-Time need for computer labs (> \$500,000). This appears to be a high priority that should explore funding request (central match).

Emergent Themes: Web accessibility requirements.

Goal 2 - Develop and support programs to deliver instruction in a technology-enhanced medium

Shared Goal 2.1: Upgrade classrooms to support technology (computer projection, etc.)

Limited unmet need in CAR and One-Time.

Shared Goal 2.2: Provide enhanced online and distance education (Blackboard, etc.)

Insignificant unmet need.

Emergent Themes: None

Goal 3 - Employ and coordinate resources to provide technology support for the university community's academic technology systems and users

Shared Goal 3.1: Enhance Tier I support

Limited unmet need, especially One-Time in CEHD and Speed.

Shared Goal 3.2: Increase planning and assessment for support

No unmet need.

Shared Goal 3.3: Implement disaster recovery planning

University focus shifting more to Business Continuity Planning. Recommend changing goal text to reflect. Very little unmet need.

Shared Goal 3.4: Plan for implementation of university firewalls

Recommend incorporating information about department level firewall offerings. Very little unmet need.

Shared Goal 3.5: Implement desktop security initiative

No unmet need.

Emergent Themes: Perhaps should create separate security section entirely.

Goal 4 - Provide the technologies, systems, and services necessary to support and expand the University's research endeavors

Shared Goal 4.1: Upgrade network (100MBps to desktop)

Analysis suggests confusion around plans and pricing. Questions about Cat5 cabling to desk and who should address. Recommend IT clarify.

Shared Goal 4.2: Enhance research databases and software

No unmet need. Some suggestions (Citation Management) already being addressed by ATC Instruction.

Emergent Themes: None. Many items listed probably belong elsewhere. Need to clarify.

Goal 5 - Empower faculty, staff and students to use technology to meet learning objectives, institutional goals, and personal needs in a technologically complex world

Shared Goal 5.1: Ensure computer/information literacy

Only unmet need is associated with Speed laptop initiative. Probably should be addressed elsewhere. Similar to request made previously by ATC that went unfunded.

Shared Goal 5.2: Enhance training and use of Delphi Center

Only unmet need is associated with Speed laptop initiative. Recommend continued work with Delphi.

Shared Goal 5.3: Improve communications about offerings

No unmet need.

Shared Goal 5.4: Identify computing requirements for new students

Only unmet need is associated with Speed laptop initiative. Most units misunderstood intent of this goal. Still need to get at HW/SW recommendations. Recommend changing goal text to reflect.

Emergent Themes: Many around training but none with unmet need. Recommend development of training budget in units.

Goal 6 - Empower faculty in redesigning teaching, learning and research environments to include current and emerging technologies

Shared Goal 6.1: Provide enhanced online and distance education (Blackboard, etc.)

Limited unmet need. Little in common.

Shared Goal 6.2: Provide incentives (mini-grants, recognition, etc.) for instructional re-design

No unmet need. Recommend exploring creation of program similar to HSC's Awards for Curriculum Innovation Through Technology, perhaps with central matching funds.

Shared Goal 6.3: Explore partnerships and collaboration

Most unmet need in CBPA. Recommend separating internal/external partnership ideas.

Emergent Themes: CEHD and Music discuss multimedia. Library media services and Delphi potential partnerships. Involve New Media services.

Goal 7 - Facilitate the regular renewal of the University's computing resources to ensure operability and compatibility

Shared Goal 7.1: Plan for equipment replacement

Significant unmet One-Time need, especially for computer labs. Absence of replacement for servers, classroom technology, etc. May need to provide incentives for moving to CAR.

Shared Goal 7.2: Move to CAR budgeting

Only unmet CAR need is from Nursing.

Shared Goal 7.3: Plan for software replacement (MS Campus Agreement, statistical software, etc.)

Very limited unmet One-Time need.

Shared Goal 7.4: Coordinate equipment purchasing (with Dean's office or higher)

No unmet need. More of issue for Purchasing to help with.

Emergent Themes: None. Note many misplaced items, though. May need to clarify.

Goal 8 - Provide the technical infrastructure necessary to support the University's patient care missions

Shared Goal 8.1: Comply with HIPAA

Only CEHD has limited unmet need.

Emergent Themes: None