

TECHNOLOGY VISION

Buffalo State is committed to an effective implementation, use, and management of technology to support the core vision and mission of the institution.

TECHNOLOGY GOALS

Technology Goal 1:

Buffalo State College will develop a process for continuous review and alignment of technology goals in accordance with the campus strategic plan.

1.1 Technology Plan should be dynamic. It should be revisited and updated every two years. A report to campus will occur by March 1 in alternate years. Leadership responsibility: Technology Council. Timeframe: ongoing

1.2 Technology goals will be in agreement with the strategic plan. Leadership responsibility: Technology Council. Timeframe: ongoing

1.3 Modifications to the plan forced by external demands (e.g., sudden budget cuts) must be approved by Technology Council. Leadership responsibility: Technology Council. Timeframe: as needed

Technology Goal 2:

Assessment protocols will be built in to all new and continuing technology goals.

2.1 Technology Council will implement assessment of student computing laboratories, technology enhanced classrooms, and related initiatives. Leadership responsibility: Technology Council. Timeframe: initial assessment by June 2004, then annually

2.2 An annual financial report and technology profile will be prepared to document technology expenditures and accomplishments. The report will be electronically distributed to the campus. Leadership responsibility: Technology Council. Timeframe: September 1 of each year

2.3 Assessment criteria will be identified for each technology goal. Progress will be documented in the annual technology profile report. Leadership responsibility: Technology Council. Timeframe: September 1 of each year

Technology Goal 3:

An infrastructure will be created and maintained to support campus technology.

Infrastructure creation and maintenance requires the greatest portion of campus technology resources. ADA compliance and security issues will be addressed. The following recommendations have been categorized into Equipment, Network, or Software.

3.1 Equipment: Continue the student laboratory replacement cycle. Leadership responsibility: Computing & Technology Services Timeframe: Four-year cycle Cost: \$400,000/year

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3.2 Equipment: Implement a faculty/staff computer replacement cycle; include opportunities for laptop as well as desktop hardware when advantage is apparent. Leadership responsibility: Computing &Technology Services and Academic Affairs Timeframe: Four-year cycle
Cost: \$300,000/year

3.3 Equipment: Implement a Smart Classroom and Smart Cart replacement cycle. Leadership responsibility: Academic Technology Advisory Council, Instructional Technology and Computing &Technology Services Timeframe: Five to seven-year cycle Cost: \$100,000/year

3.4 Equipment: Determine need for new technology initiatives such as: multimedia/digital imaging labs, data projectors for all classrooms of 30+ seats. Leadership responsibility: Computing &Technology Services, Academic Technology Advisory Council, Technology Council
Timeframe: Review and decision by September 2005

3.5 Equipment: Create a plan for acquisition and replacement of high-end scientific and technological equipment. Leadership responsibility: Academic Technology Advisory Council and Academic Affairs Timeframe: Create a five to seven years replacement cycle Cost: \$250,000

3.6 Equipment: Review 2000 plan and revise the plan for digital conversion of television broadcasting facilities for communications department. Leadership responsibility: Arts & Humanities, Instructional Resources and Computing &Technology Services Timeframe: May 2005 Cost: TBD, >\$100,000

3.7 Equipment: Review 2000 plan and revise the plan for digital conversion of Instructional Resources TV production and distribution service. Leadership responsibility: Arts & Humanities, Instructional Resources, Computing &Technology Services, and Academic Affairs Timeframe: May 2005 Cost: TBD, >\$100,000

3.8 Network: A plan for network viability relating to bandwidth and infrastructure will be completed including: sufficient network ports in all classrooms, labs, library, residence hall, cafeterias, and selected indoor common areas; sufficient bandwidth to deliver course materials; and expanded and improved Res Net capabilities. Leadership responsibility: Computing &Technology Services Timeframe: By January 2005 Cost: \$200,000/year

3.9 Network: Complete demonstration projects to determine the practicality of expanding wireless technology on campus. Explore laptop loan in conjunction with one of the projects, possibly in the library. Leadership responsibility: Technology Council. Timeframe: Complete two projects by March 2005 Cost: TBD

3.10 Software: Assess viability of Web-based serving of software (for example, using Citrix) Leadership responsibility: Computing &Technology Services and Technology Council Timeframe: May 2004 Cost: TBD

3.11 Software: Implement a Smart Classroom and Smart Cart software upgrade and replacement cycle. Leadership responsibility: Academic Technology Advisory Council, Instructional Technology and Computing &Technology Services Timeframe: Three to five-year cycle Cost: TBD

3.12 Software: Review campus-wide agreements and software upgrades for labs and integrate with Tech Fee expenditure process. Leadership responsibility: Computing &Technology Services, Technology Council and Academic Technology Advisory Council Timeframe: Ongoing

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Technology Goal 4:

Use technology to enhance campus communication.

4.1 Increase use of e-mail by faculty, staff and students will be promoted as the official campus communication tool. Leadership responsibility: Vice Presidents Timeframe: Ongoing

4.2 Investigate implication of the cost shifts created by file sharing and increased use of technology. Consider an OTPS adjustment. Leadership responsibility: Vice Presidents Timeframe:

4.3 Pursue implementation of online transmission of files to Copy Center for printing. Leadership responsibility: Finance & Management and Computing & Technology Services Timeframe: July 2004 Cost: TBD

4.4 Internal college documents and forms will be placed on the Internet. Leadership responsibility: TBD Timeframe: Ongoing Cost: \$20,000+

4.5 Mailbox size will be increased to support needs of faculty/staff/students. Leadership responsibility: Computing & Technology Services Timeframe: Ongoing Cost: TBD

4.6 Promote increased use of file sharing. Leadership responsibility: Vice Presidents and Computing & Technology Services Timeframe: Ongoing

4.7 Strengthen communication to promote technology services to students (i.e.: provide purchase options for PC's, software, labs, Blackboard, TV & broadcasting, digital basics), communicate information to all incoming students. Leadership responsibility: Enrollment Management, Student Affairs and Technology Council. Timeframe: Implement for incoming students for Fall 2004 Cost: TBD

4.8 Improve information access to any communication for all members of the campus community. Provide "yellow pages" (clear menu) for college Web pages. Leadership responsibility: College Relations Timeframe: Ongoing Cost: TBD

Technology Goal 5:

Buffalo State will focus its commitment to electronic learning.

5.1 A vision for electronic learning will be adopted. Electronic learning will be used to help the college fulfill its core mission and to ease classroom availability on campus, support students through an increase in course availability, and increase enrollments by attracting new student markets. Leadership responsibility: Vice Presidents Timeframe: January 2004

5.2 The electronic learning office will provide faculty support for these initiatives in collaboration with the FAST center. A handbook will be available for students engaged in electronic learning. Leadership responsibility: FAST, Electronic Learning Office Timeframe: March 2004 Cost: \$50,000

5.3 Electronic learning will focus on development of online Web-based courses. Support will be provided to develop 10 Web-based courses per year and to assist with expansion and scheduling of hybrid courses that use course management software for a major portion of the course. Provide 1:1 support for course building. Leadership responsibility: TLTRs, Electronic Learning Office Timeframe: 2004-2005 Cost: \$25,000

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5.4 Participation in the SUNY Learning Network will be encouraged, especially for programs that have low enrollment. (Adequate support through a SLN Student Help Desk is provided by SLN.) Leadership responsibility: TLTRs and Technology Council Timeframe: January 2004 Cost: SLN fee structure - \$8.00 per credit hour per student

Technology Goal 6:

A full array of technology support services will be available to faculty, staff and students.

Services will be sufficient to respond to the evolving use of technology and provision of technology systems. Support will be timely and responsive and sensitive to the needs of persons with disabilities.

6.1 Electronic library materials (including texts, images and digital objects) must be available. Library holdings of electronic databases and full-text articles will be expanded; electronic access to material on reserve in the library will be implemented and improved. Leadership responsibility: Library Timeframe: Annual Cost \$80,000/year

6.2 Proceed with project to declare E. H. Butler Library the campus intellectual and student learning center: complete the new late night study space consolidating computers, printing, and necessary functions. Leadership responsibility: Library, Computing & Technology Services, Facilities Timeframe: May 2004 Cost: \$250,000

6.3 Student support will be provided through an information commons model. Support will be available at least 16 hours per day, will provide a central referral type of response, and will be staffed by trained individuals. Leadership responsibility: Library and Computing & Technology Services Timeframe: January 2004 Cost: \$100,000/year

6.4 Provide a universal login for all to access Degree Navigator, SABRE, BSCLOGON software, e-mail, Blackboard, Res net other with the same username and password. Leadership responsibility: Computing & Technology Services Timeframe: January 2005 Cost: TBD

6.5 Continue to use Technology Fee collections to reduce and manage cost for student printing. Leadership responsibility: Computing & Technology Services and Library Timeframe: Ongoing 05 Cost: \$50,000/year

6.6 Improve technology support and training for all; increase specialized training for support personnel and high-end users; focus faculty on how to better employ technology to enhance learning; support application and hardware training for faculty, students and staff. Leadership responsibility: Technology Council. Timeframe: Annual training plan by 2004-2005 Cost: TBD

6.7 Commit to post-implementation plan for SABRE and Degree Navigator. Leadership responsibility: Enrollment Management Timeframe: July 2004 Cost: \$85,000 + staff

6.8 Increase support for MAC users. Leadership responsibility: Computing & Technology Services and Technology Council Timeframe: January 2004 Cost: \$2,000/year

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Technology Goal 7:

The Web will be a vehicle to provide comparative advantage to Buffalo State College.

7.1 Adopt means to keep departmental and office Web pages current using database technologies; develop and design templates for Web pages. Leadership responsibility: College Relations and Technology Council Timeframe: January 2004

Technology Goal 8:

The technology governance structure will be reviewed and modified as needed.

8.1 Formalize roles of Teaching Learning & Technology Roundtables. Engage TLTRs in assessment of technology needs, expansion of technology to improve instruction, and create a more active role for TLTRs in the technology recommending and decision-making process. Hold one annual joint meeting of TLTRs. TLTRs will provide vision for new degrees with high technology focus. Leadership responsibility: Technology Council and Deans Timeframe: Ongoing

8.2 Coordinate operational goals of primary technology units (CTS, Instructional Technology, E. H. Butler Library) on campus. Leadership responsibility: Computing & Technology Services, Library and Instructional Technology Timeframe: Annual

8.3 Revise process for requesting Tech Fee & SCAP funding. Regularize submission and decision dates, streamline process. Leadership responsibility: Technology Council, Computing & Technology Services, Academic Affairs Timeframe: Spring 2004