

Lock Haven University
of Pennsylvania

Technology Plan



2005-2007

LHU Computing and Instructional Technology
5th Floor, Robinson Hall
Lock Haven University

Organization

The Project leader for the Technology Plan 2005-2007 was Mr. Donald Patterson. The development of this plan was guided by several groups. We appreciate the unique and essential contributions of all concerned.

The Instructional Technology Advisory Committee

The Charge: The committee advises the Director of Computing and Instructional Technology on the vision, planning, projects, and priorities relative to matters pertaining to Instructional Technology on both campuses. The composition of this committee will include faculty, and staff, including representatives from key academic offices. Members of the committee will be instrumental in providing linkage to the University community on these matters.

The primary focus of this group is on instructional support relative to technology. Members of this committee are Dr. Stephen Marvel, Mr. Daniel Gales, Ms. Judith Yoho, Mr. Ronald Miller, Dr. Reynol Junco, Mr. Terry Brink, Dr. Susan Ashley, Ms. Brenda Corman, Dr. Susan Strayer, Dr. Josephine Pirrone, and Mr. Donald Patterson.

Campus Management Advisory Committee

The Charge: The committee advises the Director of Administrative Computing on the vision, planning, projects, and priorities relative to matters pertaining to Administrative Computing on both campuses. The composition of this committee will include faculty, and staff, including representatives from key administrative offices. Members of the committee will be instrumental in providing linkage to the University community on these matters.

The primary focus of this group is on areas such as Admissions, Enrollment Services, The Bursar's Office, Alumni, and Development. Members of this committee are Mr. Jerry Easley, Mr. Richard McCarty, Mr. Alan Anderson, Dr. William Irwin, Mr. Stephen Lee, Ms. Jill Reitz, Ms. Amanda Brown, and Mr. Donald Patterson.

The Academic Computing Committee

This is an APSCUF meet and discuss committee whose focus is on academic computing issues. Members of this committee are Mr. Jason Bronner, Mr. Rick Lilla, Ms. Marsh Tate, and Dr. Josephine Pirrone.

The Shared Services Group

This group consists of Computing Center personnel. This group is responsible for the network and infrastructure, video and data communications, security, AIX and Microsoft 2003 Enterprise Servers, operations, etc. This group reviews the needs and objectives of the previously described groups to determine appropriate technical support solutions.

Instructional Technology Accomplishments 2004 – 2005

Fifteen new SMART rooms were installed for the Fall 04 semester along with a large section technology classroom in Price. A new IBM AIX server for computer science was brought up for the Fall 04 semester. A new distance education large section classroom was installed at the beginning of the semester in Founder's Hall and is now being used for classes. SMART Technologies "Bridgit" software has been installed for enhanced videoconferencing. The residence hall computer labs have been refreshed with new hardware (Attachment A).

Administrative Computing Accomplishments 2004 – 2005

A new "Hawk" server was installed to run Jenzabar (CARS) along with a new compiler and Informix database. SAP blueprinting for campus management is underway. LHU has loaned Mr. Jerry Eisley until the end of the year on a part time basis to assist with this effort. A new Xerox was installed in duplicating this fall to move towards our efforts for decentralized submission of duplicating requests (Attachment B).

Shared Services Accomplishments 2004 – 2005

The ethernet conversion was finished over the summer. Wireless networking was expanded to include Sullivan and Raub Hall. The Cisco IDS/IPS implementation is currently active. This device will block computers that are infected with viruses from being allowed on the network therefore conserving bandwidth. The Microsoft servers were upgraded 2003 Enterprise Edition (Attachment C).

Instructional Technology Projects 2005 – 2006

The technology fee has been approved for this year. Twenty-one classrooms will be installed for the next academic year including three rooms at the east campus. The television studio conversion to digital will continue and should be completed for fall of 05. The Raub computer lab will be refreshed over the semester break. The Stevenson computer lab will also be refreshed. At the Clearfield campus three computer labs are due for replacement (Attachment D).

Administrative Computing Projects 2005 -2006

The equipment used for scanning test and faculty evaluations will need to be replaced with new equipment. The Osprey administrative web server is due for replacement (Attachment E).

Shared Services Projects 2005 – 2006

In anticipation of greater usage, the wireless network will be expanded. Wire rooms and other areas of the network will need to be upgraded as we move towards IP telephony to replace the current phone system. A voice over IP (VOIP) feasibility study will be conducted. The student dialup modem pool will be eliminated resulting in significant savings (approx. \$45,000.00 per year) (Attachment F).

Instructional Technology Projects 2006-2007

There will approximately \$500,000.00 available from the Tuition Technology Fee. A plan will need to be developed and approved. Some of this money will need to be made available for upgrades to previous projects that were originally funded through this fee. The computer labs in Akeley Hall will be due for a hardware refresh. The computer lab in Sloan also needs to be upgraded with new computers (Attachment G).

Administrative Computing Projects 2006-2007

Administrative Computing projects will mainly be determined when we are given a timeline for the SAP Campus Management implementation (Attachment H).

Shared Services Projects 2006-2007

We will continue to expand the wireless access on campus. The residence hall network infrastructure will be continue to be upgraded. The Centrex telephone system will need to be replaced presumably with a VOIP (voice over IP) telephony system. The Microsoft server farm will need some upgrade\replacements (Attachment I).

Attachment A

Instructional Technology (2004 - 2005)

Project Description	Project Cost	Funding Source	Project Status
Technology Enhanced Classrooms (21)	\$430,000.00	Tech Fee	Active
Technology Enhanced Dist. Ed. Rooms			
Founder's Hall 003	\$10,000.00	Tech Fee	Active
Raub 425 (Large Screen TV)	\$2,500.00	Tech Fee	Active
SMART Bridgit Software	\$5,500.00	Tech Fee	Active
Computers and Computer Labs			
Computer Kiosk (Bentley)	\$20,000.00	Internal	
Stevenson Computer Lab	\$40,000.00	Tech Obs	Completed
Residence Hall Computer Labs	\$50,000.00	Tech Obs	Completed
Campus Village Computer Lab	\$8,000.00	Internal	Active
Chemistry Notebook Lab	\$35,000.00	Tech Fee	
Raub Computer Lab	\$50,000.00	Tech Obs	Completed
Television Studio	\$160,000.00	Tech Obs	
Sound Board for Price Auditorium	\$10,000.00	Internal	Active
Library Technology			
New York Times Full Text	\$4,800.00	Tech Fee	Active
Essential Sports Medicine Collection	\$7,252.00	Tech Fee	Active
Canon Microfilm Scanner	\$15,800.00	Tech Fee	Active
Total Cost	\$848,852.00		

Attachment B

Admin. Computing Projects (2004 - 2005)

Project Description	Project Cost	Funding Source	Project Status
Informix 9.x site license upgrade	\$131,000.00	Internal	Active
Replace S70 with p630	\$47,000.00	Internal	Completed
VisualAge C++ Compiler	\$4,900.00	Internal	Completed
Xerox Upgrade	Lease		
Informant Tech (Law Enforcement Software)	Upgrade	Internal	Completed
Razor's Edge/Financial Edge (Alumni Office)	\$10,000.00	Internal	Active
Campus Card Door Access	Time		Active
Historical Data Submission (Sytec\CM)	Time		Active
Grand Total	\$192,900.00		

Attachment C

Shared Services Projects (2004 - 2005)

Project Description	Project Cost	Funding Source	Project Status
Cisco IDMS Implementation	\$25,000.00	Internal	Active
Wireroom UPS Upgrade/Repair	\$7,000.00	Internal	
Ethernet Conversion	Time		Completed
Work Continuation Site Move	Time		Completed
Ready all buildings for ethernet	Time		Completed
Conversion of labs to switched ethernet	\$26,000.00	Internal	
Redundant Server and Mirroring Software	\$30,000.00	Internal	Active
Security Audit	\$20,000.00	Internal	
MS Servers Upgraded to 2003	\$6,000.00	Internal	Completed
Total Cost	\$114,000.00		

Attachment D

Instructional Technology (2005 - 2006)

Project Description	Project Cost	Funding Source	Project Status
Technology Fee Projects	\$500,000.00	Tech Fee	
Distance Education (Videoconferencing)			
Zimmerli Rm. 7	\$40,000.00	Internal	
Founder's Hall Rm. 100 (Clearfield)	\$35,000.00	Internal	
Computer Labs			
Founder's Hall 200 Clearfield	\$40,000.00	Tech Obs	
Founder's Hall 227 Clearfield	\$50,000.00	Tech Obs	
Founder's Hall Library Clearfield	\$15,500.00	Tech Obs	
Total	\$680,500.00		

Attachment E

Admin. Computing Projects (2005 - 2006)

Project Description	Project Cost	Funding Source	Project Status
Replace Scanning Equipment (test scoring and faculty evaluations)	\$15,000.00	Internal	
Replace Osprey Admin Web Server	\$20,000.00	Internal	
Financial Aid Precertification Exapansion	Time		
Jenzabar Interface for Dining Services	Time		
Total	\$35,000.00		

Attachment F

Shared Services Projects (2005 - 2006)

Project Description	Project Cost	Funding Source	Project Status
McAfee Antivirus Software	\$24,000.00	Internal	
Expansion of Wireless Network (\$15,000.00 per building - 4 buildings)	\$60,000.00	Internal	
Wire Room Upgrades \$10,000.00 per building - 4 buildings	\$40,000.00	Internal	
\$30,000.00 per dorm (replace hubs) (3 dorms)	\$90,000.00	Internal	
Elimination of Student Modem Pool	Time		
IP Telephony Feasability Study	Time		
Cisco Network Management System	\$10,000.00	Internal	
Cisco Secure Agent (CSA Study)	\$2,000.00	Internal	
Total	\$226,000.00		

Attachment G

Instructional Technology (2006-2007)

Project Description	Project Cost	Funding Source	Project Status
Technology Fee Projects	\$500,000.00	Tech Fee	
Computer Labs			
Akeley 205	\$50,000.00		
Akeley 206	\$50,000.00		
Sloan	\$50,000.00		
Total	\$650,000.00		

Attachment H

Admin. Computing Projects (2006-2007)

Project Description	Project Cost	Funding Source	Project Status
SAP Campus Management			