

Technology Objectives 2006-2007

Objective 1 Student Workstation Replacement & Cascading

Plan, evaluate, and recommend student workstation replacement to keep student computer equipment up-to-date.

Funding allocated to:

- Replace 61 Apple Mac computers in AET with 36 new Mac Pro computers and 25 new iMacs.
- Replace 110 older PC's in AET with new Precision 390 workstations.
- Replace 42 older PC's at the Bundy site with new Optiplex 745's.
- Replace 20 Mac computers in Corsair with 20 new Imacs
- (Replaced Apple computers to cascade to Art Lab to replace G4 Macs. Replaced PC's to cascade to English Labs and other locations to phase out all GX110 machines.)

Contact: Steve Peterson

Budget: \$151,000 06-07VTEA

\$ 319,000 06-07CTEG/VTEA

Status: Completed.

Art Lab will be replaced with G5 Macs cascaded by AET.

Cayton Lab was replaced with 120 new Optiplex 745s and cascaded their existing

GX270s.

Completed also a new CSIS computerized classroom with 35 new Optiplex 745

workstations.

Objective 2 Campus Wide Software Needs

Track and renew maintenance agreements and annual licenses for software shared campus-wide during 06-07, including Microsoft campus agreement, Adobe & Macromedia applications, antiviral software, and more.

Microsoft	\$62,000
Adobe Products	\$37,700
Misc	\$11,732

Contact: Steve Peterson

Budget: \$85,000, 05-06 IBG

\$26,700, 06-07VTEA/CTEG

Status: In progress. Licenses are renewed as current agreements expire.

Objective 3 Faculty Curriculum Development Workstation Replacement

Replace outdated full-time faculty workstations and shared-use computers in various adjunct faculty work areas that require upgrades to support curriculum plans.

Contact: Steve Peterson

Budget: \$0

Status: Completed, resolved with either high-end cascaded computers or memory upgrades.

Objective 4 Replacements for Smart Classroom & Smart Cart Equipment

Replace aging projectors, computers, and associated devices for classroom Audio/Visual equipment based on A/V technology replacement plan for 06-07.

Contact: Al DeSalles
Budget: Pre-allocated \$68,000, 05-06 IBG fund
\$34,400, 06-07 VTEA/CTEG
Status: 05-06 funded initiatives completed.
06-07 VTEA/CTEG initiatives completed.

Objective 5 Campus Wide Assistive Technology

Contact: Ellen Cutler
Budget: \$6,000 – 06-07 OBG
Status: Completed. Various necessary assistive technology hardware and software were identified, purchased, and installed.

Objective 6 Department Instructional Technology Needs

Contact: Steve Peterson
Budget: N/A
Status: There was little funding available for individual departmental technology from 05-06, except minor software upgrade for the AET. Department Instructional technology is maintained with existing equipment/software.

Objective 7 Occupational Program Technology Projects funded via VTEA or Career Technical Education Grant (CTEG)

Other departmental technology projects funded as part of the occupational program VTEA and CTEG. For detailed information, contact the VTEA program coordinator.

Misc Dept Requests	\$ 4,345.00
Computer Classroom Construction/Furn	\$ 47,586.00
Other One-time Assistive Technology Items	\$ 8,642.00
Printers	\$ 3,515.00
Dept Software	\$ 58,499.22

Contact: John Gonzalez/Erica Leblanc
Budget: \$98,000, VTEA and CTEG
Status: Funds allocated.
Implementation in progress.

Objective 8 Campus-wide infrastructure equipment renewal plan

Identify
Contact: Bob Dammer
Budget: \$180,000, 06-07 OBG and District matching fund.
\$41,600, 06-07 VTEA and CTEG

Status: Many critical network infrastructure devices have reached the end of their life cycle and need to be replaced. The Network Services Department is working with Cisco to develop a replacement plan and preliminary budget. Funding allocated for first phase implementation.

Objective 9 Internet Bandwidth Expansion Plan

Extend partnership with the Santa Monica City to join effort in expanding internet bandwidth to the College. The goal is to at the minimum, triple the current internet performance/capacity.

Contact: Bob Dammer
Budget: N/A
Status: The College continues to work with the City of Santa Monica to develop and implement a shared Internet solution. The City is expected to complete necessary infrastructure improvements in the fall of 2007.

Objective 10 Campus-wide server/storage replacement plan

Analyze, evaluate, and implement a cost-effective solution to increase the productivity of IT support staff by utilizing centralized server technology. The plan will include a multi-year migration process to migrate the current individual special function server farm to consolidated infrastructure and take advantage of virtual server/storage technology.

Contact: Jocelyn Chong
Budget: \$385,000, 06-07 OBG and District matching fund.
\$96,600, 06-07 CTEG
Status: The College purchased and implemented blade servers with virtualization software. The Network Services Department continues to analyze and evaluate the technology.

Objective 11 Expand the functionality of WebSIS and Internet based services, continued from 05-06.

Analyze, design, and develop further functions for student and faculty portal to expand the functionality and technological capabilities. Incorporate Early Alert System and Curriculum Approval Work Flow System into the production environment when possible.

Contact: Frank Wu
Budget: MIS development
Status: Phase 2, New version of WebSIS is in pre-production phase. The completion of phase 2 will enable the possibility of Early Alert System is pending on Title V scope of project

Objective 12 Provide technology support to implement SMC website re-engineering project based on the SMC Website Workgroup and District's final recommendation, continued from 05-06

A website workgroup was formed based on 04-05 objectives and a recommendation document was completed and proposed to the Technology Planning Committee (TPC). The direction and implementation plan is pending on the review and final approval of the TPC and the District.

Contact: Bob Dammer
Budget: Other funding source.

Status: The College selected School Web Services to design and implement new college web site. The proposal includes migrating existing data to a Content Management System and provide training and maintenance.

Objective 13 Work with the Facility team to plan Information Technology Data Center move, continued from 05-06

The capacity of Drescher Hall 306 data center has reached its physical limits. The UPS was upgraded once and current power loads have again exceeded the 70% safety mark. The air conditioning unit is not sufficient to stem the heat generated by existing equipment and consistently requires supplementation by general building air conditioners. There is no cost effective solution for establishing a reliable fire protection system for that room. A proposal has been submitted by the Facilities to move the data center to the Drescher Hall first floor.

Contact: Jocelyn Chong
Budget: Building and infrastructure funds.
Status: Final floor plan complete. Engineering specification and design completed. Project is put on hold due to funding constraints. The Facility Planning Committee is proposing a revised plan to cut cost.

Objective 14 Streamline IT support procedures and Implement tech-knowledge center website to leverage technology knowledge through self-serve internet functions, continued from 05-06.

Enhance IT efficiency by analyzing, defining, and implementing an IT support structure via web-based, self-serve support functions.

Contact: Jocelyn Chong
Budget: N/A
Status: Based on Hay Group study result, the IT Multimedia Specialist is reclassified to IT User Support Senior Specialist. The reclassification process has formalized the technology user support function.

Objective 15 Evaluate, analyze and develop a plan to enable internet access to campus technology resources.

Analyze, evaluate, and implement cost effective enterprise solutions for user community to use personal equipment remotely/locally to access authorized technology resources to improve overall business productivity and cost effectiveness.

Contact: Jocelyn Chong
Budget: \$70,000, 05-06 VTEA fund.
Status: Prototype project completed in early fall semester. CSIS Department assisted in the proof of concept and testing process. The result was very successful. Both faculties and students were excited about the capability. The Information Services Committee is surveying departments to identify departmental needs to formalize a production plan for instructions. The technology is currently serving remote administrative access to campus resources via secured web interface.

Objective 16 Develop Information technology internal security policy and procedures, continued from 05-06.

Analyze, define and implement the District information technology internal security procedures, including testing for compliance with federal data security law, network security policies, physical

security measurements, computer use policy, password guidelines, and backup/recovery standards.

Contact: Jocelyn Chong
Budget: TPC development
Status: Draft completed in 05-06. TPC is focused on technology funding strategy. The security draft has been disseminated to the IT staff and used as procedural guidelines internally. The campus-wide effort will be resumed in the near future.

Objective 17 Voice Over IP expansion for new buildings on main campus and new campus sites – continued from 05-06

Contact: Bob Dammer
Budget: Facility building fund and development resources of Network Services
Status: All new campus facilities are being equipped with VoIP technology. The HSS north building was completed and the HSS south building along with the Madison campus will be installed during the summer of 2007.

Objective 18 Wireless implementation – continued from 05-06

Analyze and evaluate a road map to deploy wireless technology in logical locations campus-wide. SMC wireless deployment plan will be evaluated in parallel with the SM City city-wide WiFi project to maximize the effectiveness.

Contact: Bob Dammer
Budget: \$35,000. Building fund, Career Tech Grant, and BFAP Grant
Status: The College WiFi network was expanded during the spring of 2007. Other than the Library, the wireless coverage now includes outdoor Quad and Clocktower areas, Business Building, Cayton Center, Cafeteria, Faculty/Staff Dinning Room, 3rd floor Drescher Hall, and AET Campus. The Bundy and Madison Campuses will be equipped with wireless access during the summer of 2007. The College continues to work with the City of Santa Monica on a city-wide WiFi initiative.