

Technology Objectives 2007-2008

Objective 1 Student Workstation Replacement & Cascading

Plan, evaluate, and recommend student workstation replacement to keep student computer equipment up-to-date. Current funded projects include the implementation of replacement classrooms/labs workstations for the AET, English, Art, Nursing/ECE and Communications Departments. Computer cascade plan is implemented to replace campus computers that are below GX110/1Ghz. Continued from 06-07.

Contact: Steve Peterson
Budget: 06-07 VTEA/Career Tech Grants, allocated previous year.
Status: Completed

Objective 2 Campus Wide Software Needs

Track and renew maintenance agreements and annual licenses for software shared campus-wide during 07-08, including Microsoft campus agreement, Adobe & Macromedia applications, antiviral software, and more.

Microsoft	\$65,000
Anti-virus	\$63,978
Adobe Products	\$41,031
Spam Gateway(3yr)	\$26,500
Misc	\$7,909
Deployment Tool	\$6,840
Mac OS	\$4,925

Contact: Steve Peterson
Budget: \$153,000, 06-07 OBG
\$ 64,000 District Matching Funds
Status: Completed.

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Replace outdated full-time faculty workstations and shared-use computers in various adjunct faculty work areas that require upgrades to support curriculum plans.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: \$12,100 – 06-07 OBG
Status: Completed. Most replacement needs were addressed by cascade computers.

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 07-08.

Contact: Al DeSalles
Budget: \$70,000, 06-07 OBG
Status: Completed.

Objective 5 Campus Wide Assistive Technology

There is miscellaneous software/equipment to be purchased throughout the year to ensure the compliance of technology accessibility requirements for disabilities.

Contact: Ellen Cutler
Budget: \$6,000, 06-07 OBG
Status: Completed.

Objective 6 Department Instructional Technology Needs

Departmental specific software/equipment, include miscellaneous software/equipment, multimedia carts, and other technology accessories.

Contact: Steve Peterson
Budget: \$40,000, 06-07 OBG
Status: Completed.

Objective 7 Occupational Program Technology Projects funded via VTEA

Technology projects funded as part of the occupational program VTEA awards. For detailed information, contact the VTEA program coordinator.

Contact: Erica Leblanc
Budget: \$89,000
Status: Implementation of 06-07 VTEA/Career Tech objectives in progress.
Status unknown.(check with VTEA committee report for details).

Objective 8 Campus-wide infrastructure equipment renewal plan

The implementation of the first phase of a multi-year campus network upgrade plan. The tasks include:

- Replace/Upgrade de-supported network edge switches and internet routers.
- Upgrade AET network infrastructure to enhance performance of high-bandwidth applications.
- Evaluate security solutions for campus wired/wireless network connections.

Contact: Bob Dammer
Budget: Pre-allocated 06-07 OBG and District fund
Status: In progress, 70% completed.

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: District fund
Status: In progress. ISI connection upgraded via the City and Time Warner connection in May 2008. 4Cnet pending of AT&T readiness, College prep work is completed.

Objective 10 Campus-wide server 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 process to migrate the current individual special function server farm to consolidated infrastructure and take advantage of virtual server/storage technology.

Contact: Dan Rojas
Budget: Pre-allocated 06-07 OBG, VTEA, Career Tech, and District
Status: VTEA, Career Tech Grant portion completed at the end of last fiscal year.
06-07 OBG allocation reallocated to address 07-08 instructional technology.
Major server infrastructure plan will be implemented with IT data center redesign project and funded by the District/construction fund in 08-09.

Objective 11 Expand the functionality of WebISIS and Internet based services, continued from 06-07.

Analyze, design, and develop further functions for student and faculty portal to expand the functionality and technological capabilities, include single sign-on, integrated WebISIS and self-serve system, and performance enhancement during peak time.

Contact: Frank Wu
Budget: Pre-allocated funds from 06-07 and MIS development
Status: In Progress

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 06-07.

Contact: Bob Dammer
Budget: Pre-allocated funds from 06-07
Status: First phase completed.

Objective 13 Work with the Facility team to plan Information Technology Data Center move, continued from 06-07

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 completed. Engineering specification and design Completed.
Project is put on hold due to funding constraints.
Project scope changed: New plan will remodel existing facility with modernized, energy efficient site infrastructure and server infrastructure to maximize the space utilization.

Objective 14 Streamline IT support procedures and Implement tech-knowledge center website to leverage technology knowledge through self-serve internet functions, continued from 06-07

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

Contact: Jocelyn Chong
Budget: Technology User Support development
Status: In progress. Project delayed due to limited human resource. IT technical user support resource is reallocated to support website content migration project.

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. Continued from 06-07.

Contact: Jocelyn Chong
Budget: N/A
Status: Prototype completed. Evaluate feasibility for expansion.
No current resource to support the expansion. Due to limited license seats and support, the current development is utilized for only managers and IT staff to perform remote ISIS or desktop access.

Objective 16 Voice Over IP expansion for new buildings on main campus and new campus sites – continued from 06-07

Contact: Bob Dammer
Budget: Facility building fund and Network Services development
Status: Completed. Old phone equipment will be phased out as soon as possible.

Objective 17 Wireless implementation – continued from 06-07

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: Pre-allocated funds from 06-07.
Status: On-going progress. No City WiFi available yet. Wireless technology has been progressively installed in planned locations where students congregate and study. Wireless implementation is also included in new construction projects, e.g. the new Quad, which is scheduled to be implemented in fall 2008.

Objective 18 Standardize pay-for-print solution campus-wide

Research, evaluate, and plan for a campus-wide pay-for-print system that would enable students to issue print jobs via wired/wireless connections and receive print-out from multiple campus-locations.

Contact: Jocelyn Chong
Budget: N/A
Status: In progress. The College has decided to use Papercut/PrintTrac software to manage student printing and copying functions. Final testing is in progress, project expected to go live before fall semester.

Objective 19 Evaluate the feasibility to replace student email system by hosted solutions offered by large email providers, such as Google, MSN.

Research and evaluate the possibility of migrating student email function to email provider such as Google or MSN. These companies provide enhanced email and application functions, large mail boxes to enrolled students free of charge.

Contact: Bob Dammer
Budget: N/A

Status: Pending.