

Technology Objectives 2004-2005

Objective 1 Student Workstation Replacement & Cascading

Plan, identify, evaluate, and implement student workstation replacement plan to keep student computer equipment up-to-date.

Allocation for 04-05 IE is recommended as follows:

Contact: Steve Peterson
Budget: \$39,182.17
Status: Completed all 03-04 IE funded items.
Recommendation submitted for IE 04-05.

Objective 2 Campus Wide Software Needs

Track and renew maintenance agreements and annual licenses for software shared campus-wide, including Microsoft, Adobe & Macromedia applications, antiviral software, and more. A There are total of 25 campus-wide software licenses will need to be renewed in the next fiscal year.

Contact: Steve Peterson
Budget: \$151,690
Status: Completed procurement and implementation for 11 campus-wide software upgrade/renewal items supported by the IE 03-04 fund.
Recommendation submitted for IE 04-05.

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Replace outdated full-time faculty workstations and shared-use computers in various adjunct faculty work areas that require upgrades and with software upgrade needs to support curriculum plans. 48 workstations have been earmarked to replace older (more than 4 years) machines or equip new faculty. .. There are 44 replacement/new faculty workstations have been need identified.

Contact: Steve Peterson
Budget: \$59,537.69
Status: Completed procurement and installation for 17 faculty workstations supported by the IE 03-04 fund.
Recommendation submitted for 04-05.

Objective 4 Replacements for Smart Classroom & Smart Cart Equipment

Replace aging projectors, computers, and associated devices for classroom A/V equipment based on A/V technology replacement plan. According the A/V technology replacement plan, there are 24 A/V classroom projector systems equipment and 1 multi-media cart need to be replaced.

Contact: Al DeSalles
Budget: bulbs \$20,000
Projectors/carts \$95,500
Total \$115,500
Status: Completed all identified replacement items funded by 03-04 IE grant.

Recommendation submitted for 04-05

Objective 5 Campus Wide Assistive Technology

Contact: Ellen Cutler
Budget: \$6,000.00
Status: Recommendation submitted.

Objective 6 Department Instructional Technology Needs

Contact: Steve Peterson
Budget: \$29,244.38
Status: Completed all IE 03-04
 Recommendation submitted for 04-05

Objective 7 Occupational Program Technology Projects funded via VTEA

Technology projects funded as part of the occupational program VTEA awards. Funded technology projects for 04-05 include instructional hardware/software, server, accessibility Equipment, and specialized technology for vocational programs.

Contact: John Gonzalez
Budget: \$489,576
Status: Completed

Objective 8 Migrate administrative system software into the newly upgraded technology platforms and environment.

Perform post migration tasks to stabilize the new WebISIS environment and improve administrative systems performance wherever possible, re-write inefficient and updated program components whenever necessary.

Contact: Jocelyn Chong
Budget: MIS development
Status: Completed Oracle application server and applications migration to Oracle 10g environment. This project also re-configured the administrative server infrastructure topology to six servers to enhance performance, accessibility, and reliability. During application migration, all objects related to student ID numbers were extended to provide 7-digit capability.

Objective 9 Expand the functionality of WebISIS and Internet based self-services.

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

Contact: Jocelyn Chong
Budget: Pending for Title V grant

Status: Preliminary discussion with end user will take place in June. The implementation will be in 05-06.

Objective 10 Evaluate the efficiency and effectiveness of SMC website and provide technical recommendations for improvement.

Contact: Jocelyn Chong
Budget: Website re-engineering workgroup
Status: An ad hoc workgroup was formed to evaluate the current SMC website and propose recommendations to make the website more useful and effective. The workgroup completed a recommendation document for the District to use in evaluating implementation feasibility and in assessing and allocating resources necessary to proceed with the project accordingly.

Objective 11 Evaluate possibilities of Integrating WebISIS and County Peoplesoft Systems

Analyze integration possibility between WebISIS and the County PeopleSoft Finance system on function enhancement, e.g. automation of account validation and other

Contact: Jocelyn Chong
Budget: MIS development
Status: It has been confirmed that there is little real-time integration possibility. However, batch processes have been built to implement e-file b-warrant upload and check posting mechanisms. Also, various reconciliation processes and reports are being developed to facilitate the integrity between WebISIS and County systems. There are further plans to enhance ISIS functions to facilitate Financial Aid, Payroll, and Business Office; implementation is scheduled for 05-06.

Objective 12 Streamline IT support procedures and Implement tech-knowledge center website to leverage technology knowledge through self-serve internet functions.

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

Contact: Jocelyn Chong
Budget: MIS development
Status: MIS has developed an ISIS user support system which tracks all support issues and documentation of all related programming specification to ensure the proper management of the application development cycle and related change control. MIS has completed 1200 support cases in the past 3 months since this support tracking system went live in Spring 2005. There will be continued effort to incorporate this system into online technology self-serve center with the Remedy help desk support system.

Objective 13 Implementation of email gateway services to provide spam filtering and virus protection functions

Analyze, evaluate, and implement the most cost effective solutions to improve the productivity of District email system by utilizing pre-filtering gateway server technology to block unwanted spam messages and viruses from the actual email server.

Contact: Bob Dammer
Budget: \$50,000 (allocated 03-04), Actual expenditure: \$39,321
Status: Completed. Of the District's estimated 6.8 million annual Internet e-mail messages, two-thirds are determined to be spam; the filter as implemented has been highly effective in diverting approximately 95% of these unwanted messages. In addition, an estimated 280,000 virus-infected messages will be caught annually by the filter.

Objective 14 Implementation of remote campus network with Santa Monica City fiber loop project

Support the implementation of the partnership agreement with the City of Santa Monica and the Santa Monica School District to migrate the SMC remote campus network infrastructure onto the City fiber loop.

Contact: Bob Dammer
Budget: \$39,912 (actual expenditure)
Status: Completed.
The INET partnership agreement was signed with the City of Santa Monica and SMMUSD in June '04 and equipment was purchased the following month. The implementation of this network provided high-speed fiber-optic connectivity to all district satellite campuses, allowing the elimination of costly leased telephone-company circuits, thereby saving the District approximately \$80,000 annually.

Objective 15 Voice over IP implementation at Bundy site

After evaluating the business analysis report on the feasibility of implementing Voice Over IP technology vs. a traditional PBX phone system at the new Bundy campus, the District has decided to deploy the VOIP solution to support the audio data communication needs at the new site. The project also includes implementing Unified messaging to integrate e-mail and voice mail functions. The District has plans to extend this new technology to the rest of the campuses in stages after successful implementation at the Bundy campus.

Contact: Bob Dammer
Budget: \$191,000
Status: In progress.

Objective 16 Wireless implementation – continued from 03-04

A prototype project was identified in 03-04 to enable wireless access in the Library for facilitate SMC students/faculty with laptop computers to have easy access to the internet. The technical staff will evaluate and implement cost effective solutions to address wireless performance and security issues.

Contact: Dan Rojas
Budget: \$22,000
Status: Completed.
The wireless network is successfully enabled for the South side of the Library Building per original scope of work. There will be continued effort to extend this capability to cover other identified locations.

