

Objectives for 2002-2003

Objective 1 Student Workstation Replacement & Cascading

Replacement of student workstations for the Modern Languages Lab, CSIS, AET, GIS, and Nursing. Note overlap with Objective 7 (VTEA projects). Replaced systems will be upgraded with additional RAM and cascaded to the Art lab, the English/ESL lab, to the Cosmetology classrooms, to shared adjunct faculty work areas, and to other areas where users have experienced difficulties due to inadequate workstations. See Appendix E for details.

Contact: Jennifer Merlic
Budget: New workstations for Mod Lang, IE \$83,520
New workstations, VTEA \$239,973
RAM for cascading, IE \$16,235
Switch for Drescher cascades, IE \$1,926
Total \$341,654
Status: VTEA completed. IE delayed until 2003-2004 by budget uncertainties.

Objective 2 Campus Wide Software Needs

Renew maintenance agreements and annual licenses for software in use campus wide including the Microsoft Campus Agreement for both 2002-2005, Adobe & Macromedia applications, antiviral software, NetSupport School, and more. See Appendix G for details.

Contact: Jennifer Merlic
Budget: \$300,000
Status: Partially completed as renewal deadlines required. Remainder delayed until 2003-2004 by budget uncertainties

Objective 3 Curriculum Development Workstation Replacement

Replace full time faculty curriculum development workstations in CSIS and AET. Cascade systems to Modern Languages faculty with CD burners for audio files in heavy use in that department. Replace outdated full time faculty workstations and shared use computers in various adjunct faculty work areas that are at least 4 years old. The replacement systems will be cascaded computers from computer labs and classrooms that received new systems (see objective 1).

Contact: Jennifer Merlic
Budget: \$55,808
Status: Delayed until 2003-2004 by budget uncertainties

Objective 4 Smart Classroom & Smart Cart Equipment Replacement

Replace aging projectors in 4 classrooms (D204, B201, B255, and B259) and purchase one "loaner" projector for temporary use where needed while classroom projectors are out for service. Replace laptop computers on 8 shared use smart carts (5 Media Center, 1 Psych, 2 Soc Sci). Purchase replacement bulbs for digital projection systems (\$300-\$500 each) that the Media Center budget is currently unable to support.

Contact: Al DeSalles
Budget: bulbs \$15,225
projectors \$31,000

<u>laptops</u>	<u>\$14,422</u>
Total	\$60,647

Status: Delayed until 2003-2004 by budget uncertainties

Objective 5 Campuswide Assistive Technology

“In Focus” software for assessing the section 508 compliance of the College websites; upgrades to Kurzweil Scan & Read software.

Contact: Ellen Cutler
Budget: \$5,000
Status: On Order

Objective 6 Modern Language Lab Upgrade

In order to install the new workstations needed in the Modern Languages Lab (see objective 1), it is also necessary to upgrade the Tandberg software, student headsets, and digitizing equipment in use there. The old software requires the use of a special hardware component that is incompatible with newer computers.

Contact:	Jennifer Merlic	
Budget:	Software	\$35,061
	Headsets	\$5,800
	<u>Digitizer</u>	<u>\$250</u>
	Total	\$41,111

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: John Gonzalez
Budget: \$337,795
Status: Completed. Computers for OIS (B253) and for GIS (B101) were installed in the CSIS drop in computer lab (B231) due to reductions in OIS and GSI class offerings.

Department	Project	Estimated Budget
AET	Instructional Software (Quark, Pro Tools, FormZ, After Effects, Maya, Premiere, Houdini)	\$57,880
	Server Memory Upgrades	\$2,500
	Student Workstation replacements: AET 108 & 105	\$170,000
CSIS	Instructional Software (Dragon Naturally Speaking)	\$3,448
	Student Workstation replacements: B253	\$33,150
DSS	High Speed Scanning System	\$8,887
GIS	Student Workstation replacements: B101	\$25,616
Nursing	Instructional Software	\$20,420
	Student Workstations	\$11,207
	Departmental printer	\$1,400
Photography	Instructional Software (Print Pro, Flash, Illustrator, Quark)	\$3,287
	Total	\$337,795

Objective 8 Support Paperless Instructional Initiatives

This objective provides the Media Center with a CD burner for mass reproduction of instructional materials to sell to students in the bookstore. Previously, such efforts were not supported except for special projects with funding for outsourcing the CD reproduction. Also included are licenses for campus wide use of Adobe Acrobat writer to encourage faculty to post instructional materials online rather than distributing hardcopy. Finally, this objective includes an expansion for the faculty email server disk space to permit increasing faculty mailbox quotas for those receiving assignments from students electronically.

Contact: Jennifer Merlic and Al DeSalles
Budget: CD burner \$8,119
Acrobat \$2,165
Disk expansion \$5,943
Total \$16,227
Status: Delayed until 2003-2004 by budget uncertainties

Objective 9 Upgrade Faculty/Staff Computer Lab Equipment

Replace equipment in the faculty/staff computer lab available to all SMC employees.

Contact: Jennifer Merlic
Budget: \$24,900
Status: Delayed until 2003-2004 by budget uncertainties

Objective 10 Installation and configuration of Keyserver software-metering server & software

Install and configure a KeyServer software-metering server, purchased in 2001-2002, initially to report but eventually to enforce licensing agreements on campus computers. Ongoing maintenance issues include updating the license database, pushing agent software onto client workstations, and setting thresholds for what constitutes compliant use of licensed applications.

Contact: Bob Dammer & Jennifer Merlic
Budget: IT Departmental Resources
Status: Completed

Objective 11 Upgrade of 4CNet Internet Service from T1 to DS3

All California Community College 4CNet Internet Services will be upgraded from T1 to DS3 to provide the campuses with greater bandwidth. 2003-2003 is the first year of a several year plan to complete the upgrades. SMC's Network Services team arranged for the college to be included in this first cohort.

Contact: Bob Dammer
Budget: funded via Butte College with state TTIP funds
Status: Completed

Objective 12 Internet Web Caching

This network appliance will replace the existing proxy server providing a more reliable solution to optimize the speed of Internet access, alleviating WAN web traffic bottlenecks.

Contact: Bob Dammer
Budget: \$3,000 (approx)
Status: Equipment received as part of new library project. Installation and configuration in progress.

Objective 13 Develop Information Technology Help Website

Develop a website for all SMC users (faculty, staff, and students) to find help on all computing questions and problems in one user-friendly location. The site will allow users to search by keyword, browse a list of topics, or scan frequently asked questions in order to access our library of help documents and other resources. All IT departments are involved in the development and implementation of this resource.

Contact: Jennifer Merlic
Budget: IT Departmental Resources
Status: In progress

Objective 14 Develop Online Tool for Curriculum Committee Processes

Analyze, design, and develop a prototype curriculum approval and automatic course catalog creation/modification process via portal tools.

Contact: Jocelyn Chong
Budget: IT Departmental Resources
Status: In Progress

Objective 15 Develop Student Orientation on SMC website

The existing student orientation web site is currently outsourced and must be migrated to the SMC website by summer 2003. SMC content can be reused but a new design and graphics must be developed.

Contact: Jocelyn Chong & Jennifer Merlic
Budget: IT Departmental Resources
Status: Completed

Objective 16 Student Workstation Use Management System

Design and programming of the interface between the login domain and a centralized database to track student user lab activity. This project spans several IT departments and involves monitoring login/logout activity at student computer lab workstations, reporting/checking the student enrollment database, and restricting access to lab workstations by head count and by user discipline.

Contact: Jocelyn Chong
Budget: IT Departmental Resources
Status: Development completed—now in testing phase.

Objective 17 Personnel Commission File Server

The confidentiality needs of the Personnel Commission are unique among campus departments; the configuration of this server addresses those security concerns through a role-based hierarchy of file access permissions and the facility to "shred" electronic documents beyond what's recoverable after normal deletion.

Contact: Bob Dammer
Budget: IT Departmental Resources
Status: Completed

Objective 18 Administrative System Technology Migration Plan

Analyze and prepare District administrative systems technology migration plan. Include hardware upgrade path evaluation and software upgrade, application migration plan.

Contact: Jocelyn Chong
Budget: IT Departmental Resources
Status: Proposal completed, implementation pending identification of funding source in 03-04

Objective 19 Oracle Portal Development Server

To create separate development environment for the Oracle Portal project (completed 01-02, switched with Viatron contract, see Objective 10)

Contact: Jocelyn Chong
Budget: \$49,000
Status: Completed

Objective 20 Oracle Production Application Server

Needed to handle increasing loads. System configuration to be determined – this budget is based on a very rough estimate.

Contact: Jocelyn Chong
Budget: \$50,000
Status: Delayed until 2003-2004, pending identification of funding source

Objective 21 Server room AC replacement

To provide sufficient air conditioning for server room independent of the building AC.

Contact: Jocelyn Chong
Budget: \$60,000 (subject to change per vendor proposal)
Status: In progress

Objective 22 Viatron Imaging Contract

Outsource document scanning contract for Enrollment Services records (originally listed as part of an 01-02 objective, but deferred to 02-03)

Contact: Jocelyn Chong

Budget: \$49,000
Status: Completed

Objective 23 Eliminate Wait Lists

Redesign student enrollment module to enable dynamic open/close classes based on seats availability and eliminate wait list handling.

Contact: Jocelyn Chong
Budget: IT Departmental Resources
Status: Completed

Objective 24 Automate Prerequisite Checking

Develop and automated prerequisites checking mechanism to enable the multi-track discipline requirements. The system is built flexible to implement any discipline that requires enrollment enforcement of pre-requisites checking.

Contact: Jocelyn Chong
Budget: IT Departmental Resources
Status: Completed

Objective 25 Integrate eCollege and ISIS

Provide data and system integrations between the student administrative systems and online learning management software package (eCollege) to accommodate the migration of web supplements for traditional classes from Prometheus to eCollege. This change caused a dramatic increase in the volume of data shared by ISIS and eCollege and therefore necessitated the automation of several processes that had been previously been performed manually by Distance Ed and eCollege.

Contact: Jennifer Merlic
Budget: IT Departmental Resources
Status: Completed

Objective 26 Automate Degree Audit and Education Plans

Complete Title III student degree audit system and student electronic education plan development and deploy the system for production use.

Contact: Jocelyn Chong
Budget: IT Departmental Resources
Status: Completed

Objective 27 Modify ISIS to Comply with County Peoplesoft Requirements

Convert WebISIS account codes in the Course Management Module and Human Resource Module to comply with the County PeopleSoft system requirements. Project includes all data conversion and related application/procedures modification. Project also includes rebuilding the County student payment interface.

Contact: Jocelyn Chong
Budget: IT Departmental Resources
Status: Completed

Objective 28 Business Services Workstation Memory Upgrades

RAM upgrades to existing workstations as required for Business Services employees to run the County Peoplesoft software.

Contact: Jocelyn Chong
Budget: \$2,500
Status: Completed