

## **Objectives for 2000-2001**

### **Objective 1 Complete Master Plan for Technology, 2000-2003**

The College wrote a four-year technology plan for 1996-2000 and updated it in 1998. The District Technology Committee is now in the process of writing a new plan for 2000-2003.

Contact: District Technology Committee  
Timeline: Completion by June 2001, updates to objectives conducted annually  
Budget: \$0  
Status: In Progress

### **Objective 2 Replace 3-year old instructional lab computers and servers**

The College has developed a cascading plan to annually update computers in student labs, classrooms and faculty offices. The plan includes replacement of all instructional computers purchased over three years ago. Replaced computers will be evaluated for utilization in other labs, classrooms or offices throughout the campus.

Contact: Cherry Li  
Timeline: Fall 2000  
Budget: \$1,022,000  
Status: Completed

### **Objective 3 Cascade computers to develop additional computer labs**

As described in Objective 2, the College has developed a PC replacement and cascading plan to keep computers in student labs, classrooms and faculty offices updated. The plan includes replacement of all computers purchased over three years ago. Objectives 3a-3e, described below, utilize computers replaced according to this plan to add student computer labs and increase computer access for faculty. The budgets include money for rehab, additional network and electrical wiring, workstations, chairs and computer upgrades.

#### Objective 3a Art computer lab (25 Mac computers)

Twenty-five cascaded Mac computers from AET will be utilized to create an Art computer lab. The new lab will allow Art instructors to provide computerized instruction in some Art courses. The former Art Gallery will be renovated to house the Art lab and this objective includes money for network and electrical upgrades, software and accessories, new computer workstations and chairs.

Contact: Cherry Li  
Timeline: Spring, 2001  
Budget: \$77,500  
Status: Completed

#### Objective 3b Earth Sciences labs

Thirty-four replacement computers from the cascading plan will be utilized to create two Earth Science labs. This objective also provides money to rehab existing classroom facilities and add software and computer projection systems needed to complete the new labs. The new labs will allow Earth Science instructors to provide enhanced instruction in their courses.

Contact: Cherry Li  
 Timeline: Fall, 2000  
 Budget: 34 cascaded computers \$0  
           2 projectors                 \$15,000  
           software                     \$10,000  
           Facilities rehab             \$15,000  
           Total:                         \$46,800  
 Status: Completed

**Objective 3c**    ESL Computer Lab

Contact: Cherry Li  
 Timeline: unknown  
 Budget: 36 cascaded computers                 \$0  
           Wiring, facilities, software, furniture     \$82,200  
           Total:                                     \$82,000  
 Status: On hold due to lack of facilities

**Objective 3d**    Math/Social Sciences shared lab

Contact: Cherry Li  
 Timeline: unknown  
 Budget: 40 cascaded computers                 \$0  
           Wiring, facilities rehab, furniture         \$80,000  
           Air-conditioning                             \$20,000  
           Total:                                     \$100,000  
 Status: On hold due to lack of facilities. Math received computers through grant funding with the LACCD and now has a lab in MC34.

**Objective 3e**    Faculty access stations at satellite campuses

Provide open access workstations to all faculty teaching at satellite campuses equipped with email and Internet access, commonly used applications, and printers.

Contact: Katharine Muller  
 Timeline:  
 Budget: \$11,400  
 Status: Need was satisfied using cascaded workstations instead.

**Objective 4**    **Replace existing Network and upgrade**

Due to the unforeseen exit of 3Com in the enterprise networking business, continued growth and the need to support current as well as future content-rich applications such as online registration, distance learning and streaming video we are recommending that Santa Monica College replace and upgrade its existing network. We will be replacing the existing 3Com ATM network with a Cisco Gigabit Ethernet network. The new design is highly scalable and redundant at the core.

Contact: Bob Dammer  
 Budget: \$610,000  
 Timeline: Winter 2000  
 Status: Completed

**Objective 5**    **Student Services Modernization Project**

Phase I of student web portal

Design, develop, and implement phase I student portal system to enable students to apply, enroll, pay fees, get electronic grades reports, and working transcripts via the Internet. Students can also update their contact information and student services information via this same site. All student records and payment transactions are implemented through secured socket layer with 128-bit encryption technology.

Contact: Jocelyn Chong  
Estimated FTE: 4 FTE – 6 months  
Actual FTE: .5 – .5 month  
Budget: \$50,000  
Status: All function completed with Oracle WebDB. Seeking the possibility of upgrading to Oracle Portal 3.0.

ISIS Conversion

Major infrastructure conversion to migrate character mode administrative system ISIS to web enabled environment. This effort includes the hardware upgrade for all servers, storage, and backup systems. Software migration components include: operating systems, Oracle Database upgrade, Oracle developer suite upgrades and all application conversation and rewrites.

Contact: Jocelyn Chong  
Estimated FTE: 4 FTE – 6 months  
Actual FTE: 6 FTE – 8 months  
Budget: \$50,000  
Status: Completed summer 2001.

Net payment

Research options: lpayment  
ltransac  
Epos  
Implementation, testing and production (Apr. 2001)

Contact: Jocelyn Chong  
Estimated FTE: 2 FTE – 6 months  
Actual FTE: 1 FTE – 3 months  
Budget: \$30,000  
Status: Completed summer 2001.

EPOS

Enable F-1  
Upgrade hardware, software, installation, and script mod.

Contact: Jocelyn Chong  
Estimated/Actual FTE: 1.5 FTE – 3months  
Budget: \$30,000  
Status: Completed summer 2001.

Database Upgrade

Equipment purchase and installation  
Developer 6I (Oct.)  
Oracle 8I (Dec)  
Student name separation  
Student number expansion  
Archive Fees and audit records  
Student registration date and pace tables

Contact: Jocelyn Chong  
Estimated/Actual FTE: 2 FTE – 3 months  
Budget: \$400,000  
Status: Completed

On-line Rosters and WebCT

Define and design On-line rosters  
Analyze WebCT and integration possibility with on-line rosters  
Implementation of delivery mechanism

Contact: Jocelyn Chong  
Estimated FTE: 1 FTE - 6 months  
Actual FTE: 1 FTE – 2months  
Budget: \$0  
Status: WebCT system was identified as not scalable nor flexible. Completed using Prometheus.

Academic Status Redesign

Build stored procedure  
Identify screens and reports to replace

Contact: Jocelyn Chong  
Estimated FTE: 1 FTE – 1 month  
Actual FTE: 1 FTE - .5 month  
Budget: \$0  
Status: Completed

Degree Audit System (Title III activity II)

Analyze, design, and implement student degree audit system and support all Title III project technical requirements and support. The scope for first phase includes the overall data model design, and the implementation of SMC local degree, certificate, IGEC, and CSUGE electronic requirement sheets.

Contact: Jocelyn Chong  
Estimated/Actual FTE: 1.5 FTE - 12 months  
Budget: \$0  
Status: Completed. SMC course work and AA/certificate requirements and degree check is completed. IGEC and CSUGE transfer requirement and readiness check is completed as planned.

**Objective 6 PeopleSoft Contract**

Continue to make payments on COP for PeopleSoft enterprise software package.

Contact: Jocelyn Chong  
Timeline: Spring 2001  
Budget: \$425,000  
Status: Software implementation on hold pending release of version 8.0

**Objective 7 Upgrade Telephone System**

Because of the growth of the college, our current campus telephone system reached the upper limits of its capacity and needed to be upgraded. The system has grown from 600 ports when installed in 1987 to 2,200 ports today. We experienced a major increase in the number of ports a few years ago when we offered part-time instructors voice mail accounts. Ports in the system consist of telephones, incoming and

outgoing trunk lines, lines connected to a computer, and voice mail accounts. There will be several advantages to the upgraded system:

An initial growth capacity to 3,000 ports with a total possible capacity of 25,000 ports.

Faster call processing, more reliability.

Use of remote nodes for branch campus locations instead of separate networked phone systems, making administration less difficult and increased number portability between locations (someone can take their extension number with them if they move to a location off the main campus).

Addition of a "phonetic operator" which will let callers to the college speak the name of the person or department they want to reach and be automatically connected. This is newly improved technology that will help connect callers immediately and reduce the current wait to reach an operator.

Contact: Greg Brown  
Timeline: Planning – September – October 2000  
Procurement – November 2000  
Installation – December 2000  
Installation "Phonetic Operator" – March 2001  
Budget: \$167,000  
Status: Completed

**Objective 8 Curriculum Development stations for full-time faculty**

In the 1999-2000 Technology plan, the College purchased 100 Curriculum Development stations for full-time faculty to use in their office to develop and enhance curriculum for their department offerings, access email, the Internet, test banks and other appropriate software. This is phase two of that program and will add 100 additional curriculum Development stations for additional full-time faculty.

Contact: Cherry Li  
Timeline: Spring 2001  
Budget: \$200,000  
Status: Completed

**Objective 9 Computers for new counselors**

Contact: Student Services  
Timeline:  
Budget:  
Status: Completed

**Objective 10 Additional Tegrity Carts and wiring of classrooms**

In the 1999-2000 Technology plan, the College purchased 10 Tegrity Carts to provide multi-media carts for instruction throughout the campus. This is phase two of that program that will add additional carts to areas of the campus not covered by last year's objective. Tegrity Carts will be purchased for 1st floor of Madison, Airport, Liberal Arts, ESL and Science.

Contact: Cherry Li  
Timeline: Fall 2000  
Budget: \$100,000  
Status: Completed

**Objective 11 Campus-wide software purchases, Including Microsoft Agreement and Course Management Tools**

Purchase of annual software licenses for operating systems, servers and Microsoft Office. In addition, Course Management Tools are being added to enhance our ability to distribute and manage our software inventory.

Contact: Cherry Li  
Timeline: Fall 2000  
Budget: \$100,000  
Status: Completed

**Objective 12 Purchase software and peripherals for academic departments**

The following items were requested in departmental technology plans collected and reviewed by the Information Services Committee. The committee determined that they were critical to the departments but were not covered in other objectives of this plan.

Purchase software and peripherals for academic departments

Department Name	Item Description	Est. Cost
Communications	complete installation of sound board	\$1,700.00
	mini-digital video player	\$1,900.00
	Final Cut Pro	\$999.00
Cosmetology	client management software	\$5,000.00
ESL	computer and printer for adjunct faculty office	\$3,145.00
	3 sets of speakers	\$150.00
Health Sciences	printer	\$1,400.00
	scanner	\$800.00
Modern Language	zip drives for faculty computers	\$1,500.00
	additional RAM for faculty computers	\$2,600.00
	Continuing software licenses and some new	\$9,000.00
Behavioral Studies	Four student stations--Use Pentium II Computers (upgrade ram)	\$800.00
English	Reading lab Software	\$20,000.00
Misc. Departments	Misc."fixes" and hub and wire upgrades	\$31,006.00
	<b>Total</b>	<b>\$80,000.00</b>

Contact: Cherry Li  
Timeline: Fall 2000-Spring 2001  
Budget: \$80,000  
Status: Completed except Zip drives for Mod Lang—cannot be installed without upgrades to Windows 2000, need upgraded PC's for this.

**Objective 13 Campus-wide Assistive Technology Plan**

Review all student computer labs, campus-wide and purchase software, workstations and chairs to provide universal access for students in compliance with ADA requirements.

Contact: Ellen Cutler  
Timeline: Spring 2001  
Budget: \$20,000  
Status: Completed

**Objective 14 Convert T203 into a teaching lab**

This objective will allow the College to convert an existing computer lab into a teaching/lab by installing a computer projection system in T203.

Contact: Cherry Li  
Timeline: Fall 2000  
Budget: \$15,000  
Status: Completed

**Objective 15 Media Center Computers for Digital Presentation**

The Media Center did not have updated computer technology to assist faculty in preparing multi-media presentations. The Media Center has been a primary source of assistance for faculty in preparing instructional materials. As the technology changes and improves our faculty is incorporating new media in classroom presentations. With new computers and software we can now better assist the faculty in preparation of these materials. We are now capable of preparing a number of multi-media formats, including digital video and digital photography. The various media can be formatted for presentation on large screen projectors in classrooms, on computer screens, on CD, on the web and in printed format through our Xerox DocuWeb system.

Contact: Al DeSalles  
Timeline: Planning – September – October 2000  
Procurement – November 2000  
Installation – January 2001  
Budget: \$37,000  
Status: Completed

**Objective 16 Academy/Design Technology Server**

Timeline: Fall 2000  
Budget: \$20,000  
Status: Completed

**Objective 17 Business Department Networking Server and Software**

Purchasing a networking server and server software will allow the business department to teaching networking and web server classes and provide student access and practice to the modify and enhance servers.

Timeline: Spring 2001  
Budget: \$21,000  
Status: Completed

**Objective 18 Upgrade of campus Web server hardware**

Begun in 1999, this objective involved copying the content for www.smc.edu and for homepage.smc.edu to a new server, ensuring permissions to access the copied resources were properly restored, and testing the ability of Internet users to retrieve/update web content and run associated application scripts from a variety of client browsers/platforms.

Timeline: Fall 1999-Spring 2001  
Budget: \$11,000 (TTIP)  
Status: Completed

**Objective 19 Migration/consolidation of Windows NT 4.0 domain to Windows 2000 Active Directory**

This objective involves planning, design, and prototyping to consolidate five distinct NT user/computer domains into a unified Active Directory (AD) consisting of over 2,500 faculty/staff and 30,000 student user accounts in order to improve domain access from satellite sites and allowing for scalable growth in the number of user accounts, role-based delegation of administration, and enhanced security.

Contact: Bob Dammer  
Timeline: Fall 1999-Summer 2001  
Budget: IT Departmental Resources  
Status: Completed

**Objective 20 Configuration of server-monitoring software**

This "Servers Alive" server polls other servers at regular intervals and pages/alerts staff when services are unresponsive or the campus's connection to the Internet performs below an acceptable threshold, enabling staff to respond rapidly to any unscheduled downtime of mission-critical services.

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

**Objective 21 Automated updates to system configuration repository**

For disaster recovery of critical servers, on a regular basis, scripts are automatically run to save configuration information of critical servers to a centralized repository to assist potential disaster-recovery scenarios.

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

**Objective 22 Improve data exchange systems**

Improved performance and integration to support data exchange requirements for internal, external SMC departments, and other outside agencies, include State, Federal, County, E-college, and other data requirement from private agencies. MIS handles over 40 estimated total data exchange requirements with internal/external agencies.

Contact: Jocelyn Chong



Budget: IT Departmental Resources  
Status: Completed