

Objectives for 2001-2002

Objective 1 Oracle License Expansion

SMC licenses the Oracle database and tools that are the basis of our student information system, ISIS. The license had to be expanded this year to cover our increased enrollment. This objective provides funds to cover that increase.

Contact: Jocelyn Chong
Timeline: May 2002
Budget: \$90,000
Status: Completed

Objective 2 MacAfee Anti-virus License Renewal

This is a renewal of SMC's annual license for virus protection software. This protection covers our email system as well as all District-owned workstations.

Contact: Jennifer Merlic
Timeline: March 2002
Budget: \$41,194 (50% IE, 50% O-TBG)
Status: Completed

Objective 3 Firewall Built-in Redundancy

The firewall protects SMC's computer network from attack by hackers. Currently, if the system fails, the network is left exposed. The new system provides redundancy such that a backup system will protect the network in the event of a failure of the primary system.

Contact: Bob Dammer
Timeline:
Budget: \$24,253
Status: Completed

Objective 4 Imaging System for Student Records

This objective enables the digitization of SMC's hardcopy collection of student records. Currently, these records are kept in a vault and retrieval is cumbersome at best. Digitization of these records will allow counselors and enrollment services staff to access student records from their workstations, thus enabling them to view this information when they need it--while talking with the student.

Contact: Jocelyn Chong
Timeline: ongoing
Budget: hardware \$11,257
1 year contract \$88,000
1 year maint. \$11,000
Total: \$110,257
Status: System hardware & software purchased & installed, cost +\$49,000.
Rest of project deferred to 02-03.

Objective 5 Student Dialup Server

SMC moved from 3Comm to Cisco equipment for its network last year. However, the student dial up server remains on the outdated 3Comm equipment. This objective updates that system to match the rest of the college network and will provide a significant improvement in the quality of the student dialup service.

Contact: Bob Dammer
Timeline: Spring 2002
Budget: \$16,467
Status: Completed

Objective 6 Cayton Lab power increase

Several computers in the Cayton Center Associated Students Computer Lab had to be kept off due to inadequate electrical power to the room. These funds will allow college electricians to correct this problem.

Contact: Joshi John and Steve Peterson
Timeline: Spring 2002
Budget: \$6,700
Status: Completed

Objective 7 Workstations for IT staff

Members of the Telecommunications, Management Information Systems, and Network Services Departments are in need of new desktop computers. Since these IT staff require regular upgrades, the College will lease their systems for 3 years, then upgrade when the lease expires.

Contact: Bob Dammer
Timeline: Install in summer 2002
Budget: \$19,624 per year for 3 years
Status: Completed

Objective 8 PeopleSoft Contract

This is the final payment due on SMC's PeopleSoft contract.

Contact: Jocelyn Chong
Timeline: Spring 2002
Budget: \$412,405
Status: Completed

Objective 9 Upgrade Earth Science Computer Labs

The computer labs used by the Earth Sciences Department were created two years ago using old Intergraph computers cascaded from the AET. These obsolete systems will be replaced with new Pentium IV computers.

Contact: Joshi John and Steve Peterson
Timeline: Summer 2002

Budget: \$52,852 (IE)
Status: Completed

Objective 10 Complete Art Mac Lab

A computer lab for use by the Art Department was created last year using cascaded Macintosh G3's from AET. The lab now contains 20 G3's but the department teaches sections of 24 students. Four new Mac G4's will be purchased for the AET open lab and 4 more G3's will then be cascaded to the Art lab. The Art lab will then have 24 systems of the same age and will be upgraded according to the instructional lab cascading plan.

Contact: Brant Looney and Joshi John
Timeline: May 2002
Budget: \$14,207
Status: Completed

Objective 11 Curriculum Development Workstations

A three-year plan to provide interested full-time faculty with workstations to use in curriculum development and other instructional activities was implemented two years ago. This year, the final group of faculty are receiving cascaded computers from the Faculty/Staff Computer Training Lab. This lab was upgraded earlier in the year using TTIP Human Resources Training funds.

Contact: Jennifer Merlic
Timeline: Installations are occurring throughout winter and spring of 2002.
Budget: \$0
Status: Completed

Objective 12 ParScore and ParTest Site License

This LAN-based, unlimited user license will allow faculty to prepare exams and analyze exam scores using their office computers or other faculty work areas on the college network. Previously, that work could only be conducted on computers that were physically connected to the Scantron machines. Only 6 such machines are available campus wide, including satellite sites.

Contact: Jennifer Merlic
Timeline: Summer 2002
Budget: \$8,563
Status: Pilot Testing & troubleshooting still occurring in fall 2002.

Objective 13 Replacement Projector Bulbs

Replacement bulbs for digital projection systems are expensive (\$300-\$500 each) and require a skilled technician to replace them. The Media Center has responsibility to stock replacement bulbs and conduct replacements as needed for all projectors on campus. These funds will be used to purchase a stock of replacement bulbs.

Contact: Al DeSalles
Timeline: Spring 2002
Budget: \$14,981
Status: Completed

Objective 14 KeyServer

Running Keyserver allows users to share software licenses, thus making expensive software packages available to more users without added cost. Many software manufacturers require Keyserver before they allow the software to be run in a concurrent user licensing model.

Contact: Bob Dammer
Timeline: Fall 2002
Budget: Server: \$3,450
Software + 1 yr maintenance: \$30,300
Total: \$33,750
Status: Completed.

Objective 15 Instructional Software license upgrades

Maintenance agreements and/or license expansions were purchased for software currently used in SMC classrooms. Titles included Macromedia Director, Macromedia Dreamweaver, Macromedia Fireworks, Macromedia Flash, MiniTab, Annenberg digital videos, and Wimba.

Contact: Jennifer Merlic
Timeline: March 2002
Budget: \$87,725
Status: Completed

Objective 16 Assistive Technology

Assistive technology for use campus wide was purchased to provide access to SMC computing facilities for students with disabilities.

Contact: Ellen Cutler
Timeline:
Budget: \$15,000
Status: Completed except for a motorized, adjustable table for math lab.

Objective 17 Video Server for Modern Language Lab

This server will replace the existing video server. This server is central to the functioning of the Modern Languages lab and the current server is failing.

Contact: Joshi John and Steve Peterson
Timeline: Spring 2002
Budget: \$7,192 (IE)
Status: Completed

Objective 18 Oracle Server for CIS Program

This server replaces the dramatically inadequate system currently used by the CS program to teach Oracle classes.

Contact: Jocelyn Chong

Timeline: Spring 2002
Budget: \$9,228
Status: Completed

Objective 19 Spare Data Projector

The Media Center will house this projector and use it to replace projectors in campus classrooms that must be sent out for service.

Contact: Al DeSalles
Timeline: May 2002
Budget: \$6,333
Status: Completed

Objective 20 Math Lab Network Switch

The Math Department received computers for a new lab via a grant received in partnership with LA City College. This network switch was not included in the grant but was necessary to connect the new lab to the college network.

Contact: Bob Dammer
Timeline: February, 2002
Budget: \$3,785
Status: Completed

Objective 21 Station C Computer Upgrades

Eight computers and two printers were purchased and installed for staff in Station C.

Contact: Bob Dammer
Timeline: June 2002
Budget: \$20,217
Status: Completed

Objective 21 Upgrade of faculty/staff E-mail Server

The faculty/staff email server was upgraded to new hardware in 1999-2000 and to new software version in 2002. The ever-increasing demand for more and better performing email-based resources by campus users necessitated the upgrade of the service to new hardware more than once during this period. The project to upgrade the Microsoft Exchange 5.5 server to Exchange 2000 involved extensive planning and testing, but it yielded immediate benefits through better performance, an improved interface, and more efficient administration via Active Directory integration. Later in early 2003, a Verisign SSL certificate was installed to allow secure password changes via the faculty/staff e-mail server's Outlook Web Access interface.

Contact: Bob Dammer
Budget: IT department resources
Status: Completed

Objective 22 Installation, Programming, and Maintenance of Student E-mail Server

This project began by evaluating more than a dozen e-mail software applications to replace the old student e-mail system that was then running at 22 times above its recommended capacity. The IMail system was selected both for its scalability and ease of administration. Dozens of interface templates were customized for SMC student use to achieve special functionality as well as a consistent look-and-feel. Scripts are run automatically on a recurring schedule to create e-mail accounts, grant dial-in access, broadcast announcements, and modify existing accounts via a self-service webform.

Contact: Bob Dammer
Budget: Software:
Hardware:
Status: Completed

Objective 23 Installation, Configuration, and Maintenance of Distance Ed FTP Server

An FTP system for online submission/grading of homework or for distributing class-specific documents for Distance Education courses was developed. This project involved purchase of a server and designing a file submission interface, constructing a self-archiving directory structure, and programming over 2,000 lines of scripts to process daily enrollment information for online-course students and assigned faculty members. The resources offered through this server are in conjunction with eCollege's drop-box feature, as well as SMC's consolidated pass-through e-mail accounts for eCompanion instructors.

Contact: Bob Dammer
Budget: Server: \$xxxxx (Distance Ed)
Status: Completed

Objective 24 Security Design and Policy Implementation of Student "Kiosk" Workstations

Some campus workstations (such as those in the Admissions/Records office or in the Career Services Center) must be made available to students, yet are located in service areas that normally restrict student computer access. There is a security need to limit the functionality of these computers, in terms of restricting to which printers they can print, as well as the manner in which their web browsers retrieve information. Active Directory group policies are an easily-managed mechanism that provides this type of security, turning the workstations into essentially information kiosks tailored to the sites in which they are situated.

Contact: Bob Dammer
Budget: IT department resources
Status: Completed

Objective 25 Faculty Portal Phase I

Developed and completed faculty portal phase one project to include basic self-service functions of faculty online real time class rosters, grade roster submissions, and integration functions with Distance learning tools.

Contact: Jocelyn Chong
Budget: IT department resources
Status: Completed

Objective 26 Degree Audit Project, Phase II

Design and implement System degree audit phase II project to automate students' SMC degree/certificate checking limited to SMC local course work. Also, analyze and design the expansion of functions to include transfer readiness and include students' transfer work from other colleges.

Contact: Jocelyn Chong
Budget: IT department resources
Status: Completed

Objective 27 Online Student Orientation & Appointment Scheduling

Develop and automate the student orientation process by online orientation or online schedule/reservation for in-person orientation. Support integration requirements between WebISIS and outsourced online orientation site.

Contact: Jocelyn Chong
Budget: IT department resources
Status: Completed

Objective 28 Enable Online Applications

Support the design, development and implementation to automate the SMC admission online application process. The goal for this new version is to achieve 100% online application with no manual process. Automation and work flow will handle follow up activities to minimize any manual interventions.

Contact: Jocelyn Chong
Budget: IT department resources
Status: Completed

Objective 29 Automate SMC Employment Request Process

Developed and automated the SMC Human Resource employment request process.

Contact: Jocelyn Chong
Budget: IT department resources
Status: Completed

Objective 30 Technical Support for Electronic Record Keeping System

Support technical requirements for implementing document image system to facilitate record keeping and to enable electronic retrieval of student documents and high school/other college transcripts via Intranet. Tasks include servers sizing, procurement, installation, and configuration of both applications and database. Project also includes data loading mechanism and integration with WebISIS.

Contact: Jocelyn Chong
Budget: IT department resources

Status: Completed

Objective 31 Upgrade EPOS telephone registration system

Upgrade and re-design EPOS telephone registration system to improve the performance and availability.

Contact: Jocelyn Chong
Budget: IT department resources
Status: Completed