

## **Technology Objectives 2009-2010**

### **Objective 1 Student Workstation Replacement & Cascading**

Plan, evaluate, and recommend student workstation replacement to keep student computer equipment up-to-date. Computer cascade plan is identified and funded to replace remaining computers below GX270 on campus.

Contact: Steve Peterson  
Budget: \$109,000, IBG 08-09.  
\$90,000, matriculation  
Status: Complete.  
Replaced equipment and updated software in Early Science, Modern Language, Assessment center, administrative workstations, and faculty/staff lab.

### **Objective 2 Campus Wide Software Needs**

Track and renew maintenance agreements and annual licenses for software shared campus-wide during 09-10, including Microsoft campus agreement, antiviral, and more.

Contact: Steve Peterson  
Budget: \$ 95,500, 08-09 IBG  
\$ 78,200 District funds (IBG backfill)  
Status: Completed.

### **Objective 3 Faculty Curriculum Development Workstation Replacement/new**

Replace full-time faculty outdated workstations and shared-use computers in various adjunct faculty work areas that require upgrades and install new curriculum development workstations to support curriculum plans.

Contact: Steve Peterson  
Budget: \$17,000, 08-09 IBG  
Status: Completed.

### **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. Also, included are new Media cart for English Department and new smart classroom for Modern Language.

Contact: Al DeSalles  
Budget: \$33,500, 08-09 IBG  
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, 08-09 IBG  
Status: Completed.

### **Objective 6 Department Instructional Technology Needs**

Departmental specific software/equipment, include miscellaneous software/equipment, and other technology accessories, e.g. Laptop computer lab for Life Science, printer and software for Art and Business Department.

Contact: Steve Peterson  
Budget: \$4,600, 08-09 IBG  
Status: Completed.

#### **Objective 7 Occupational Program Technology Projects funded via CTE**

Technology projects funded as part of the occupational program CTE grant, include departmental required software and workstations. Major technology initiatives this year include instructional Adobe tool suite upgrade, upgrade of CSIS computerized classroom equipment, and upgrade of Career Center equipment. For detailed information, contact the CTE program coordinator.

Contact: Sandra Sanchez  
Budget: \$??? CTE funds  
Status: In Progress

#### **Objective 8 Campus-wide infrastructure equipment renewal – Voice Communication Equipment Replacement**

Replace College outdated phone system with complete networked voice over IP communication solution. Project includes core phone circuits conversion and migration, configuration on network switches, and replacement of 1000+ office/classroom telephones.

Contact: Bob Dammer  
Budget: Construction infrastructure fund  
Status: Completed.  
Successfully Phased out out-dated PBX and telephone response systems.

#### **Objective 9 Campus-wide server virtualization implementation**

Implement a cost-effective solution to increase the productivity of IT support staff by utilizing centralized and virtualization 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: Construction infrastructure fund  
Status: Initial project scope completed. On-going implementation in progress.

#### **Objective 10 Expand the functionality of WebISIS and Internet based self-services, continued from 08-09**

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: Jocelyn Chong  
Budget: MIS development  
Status: Staff/faculty and student Portal project completed and on production.  
Adopted industry best practices and developed a modernized student identity management system.

Started the effort to consolidate technology services with SSO (Single-Sign-on) integration from Student Portal.  
On-going development and expansion of functionality are also in progress.

**Objective 11 Plan and evaluate technology feasibility to upgrade current SMC website to Sharepoint technology.**

Contact: Bob Dammer  
Budget: TBD  
Content migration to SharePoint will be largely covered by existing contract with Sector Point.  
Status: In Progress.

**Objective 12 Work with the Facility team to implement Information Technology Data Center modernization, continued from 08-09**

The capacity of Drescher Hall 306 data center has reached its physical limits. New plan will build new facility with modernized, energy efficient site infrastructure and server infrastructure to maximize the space utilization.

Contact: Jocelyn Chong  
Budget: Construction infrastructure funds.  
Status: In progress.  
Server virtualization project successfully minimized current demand for power and cooling usage in the interim when new facility is planned.  
New facility is located on the South side of main campus, adjacent to the Library.  
The new facility will create more integrated technology services, updated data center, and network/server infrastructure. The building plan is currently being developed.

**Objective 14 Streamline IT support procedures and develop technology resource website and orientation information to facilitate the dissemination of IT policy, procedure, and updated information to users.**

Enhance IT efficiency by developing effective web content to disseminate information.

Contact: Jocelyn Chong  
Budget: Technology User Support development  
Status: In progress.  
Staff/faculty technology handbook online.  
Student online support/help system (Ask-Pico) on production.

**Objective 15 Campus-wide technology equipment energy saving implementation plan**

Work with Southern California Edison Company to implement campus-wide technology equipment power saving plan and receive maximized ongoing energy saving and onetime Power provider's project initiation incentives.

Contact: Jocelyn Chong  
Budget: SCE incentive program (income) - \$26,500  
Status: Server virtualization project completed.  
Prototype desktop virtualization project is completed.  
Expansion plan for desktop virtualization is current being evaluated.

**Objective 16 Wireless implementation – continued from 08-09**

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 campus facility plan.

Contact: Bob Dammer  
Budget: Construction Infrastructure fund  
Status: In progress on main campus quad project.

**Objective 17 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: Jocelyn Chong  
Budget: N/A  
Status: Completed. Google for student.smc.edu went live on 4/13/2010. Starting 6/16/2010, [username@student.smc.edu](mailto:username@student.smc.edu) becomes the official mean of email communication to all SMC students.