

## **Information Technology Objectives 2016-17**

### **Objective 1 Implement Identity Provider Services with Shibboleth**

To support CCC OEI (Open Education Initiative) and other CCC initiatives (CCCApply, CAI, Canvas) and other external applications such as Gmail, and ServiceNow, we will implement campus Identity Provider Services with Shibboleth.

Contact: Dan Rojas

Status: Solution proposed, pending on budget.

### **Objective 2 Website Mobile Responsive**

To make the SMC website responsive and compatible with mobile devices, we will upgrade the SharePoint Content Management software.

Contact: Dan Rojas

Status: In progress

### **Objective 3 Campus Wide Software Update**

To keep campus information technology software applications current in alignment with the College's Technology Master Plan, the District has committed funds for identified core requirement campus-wide software such as Microsoft campus agreement, anti-virus/malware software, Adobe Creative Cloud Suite, and other system management tools.

Contact: Steve Peterson

Status: In planning

### **Objective 4 District Technology Equipment Replacement Plan**

To keep campus information technology equipment current in alignment with the College's Technology Master Plan, we will continue planning and replacing faculty, student and staff outdated workstations.

Contact: Bob Dammer

Status: In planning

### **Objective 5 Campus Wide Assistive Technology**

To ensure the compliance of technology accessibility requirements for disabilities, miscellaneous software/equipment will be purchased/renewed/installed throughout the year.

Contact: Thomas Peters/Joshi John

Status: In progress

### **Objective 6 Upgrade Oracle Software**

To ensure the College Information System is at an up-to-date version compatible with vendor (Oracle) requirements and current web browsers, and also compliant with security mandates; plan, evaluate, and implement updated version of Oracle (Form and Report). By upgrading the system software, we can also take advantages of additional functionalities.

Contact: Wendy Liu/Steve Chen/MIS Team

Status: In progress of selecting a consulting firm to assist us

### **Objective 7 Upgrade Oracle APEX Tool**

To take advantage of new features and to patch existing bugs, we need to upgrade APEX to Version 5 from current Version 4.2.4. Apex is an Oracle tool used for designing Corsair Connect, mProfessor and many other programs on WebISIS.

Contact: Wendy Liu/Steve Chen/MIS Team

Status: In progress (one-week of training was conducted).

### **Objective 8 Upgrade Database Server and Version**

To strengthen the ISIS infrastructure and as part of the disaster recovery project, all database instances on HP will be migrated to new Linux Servers. Potentially we may also upgrade the database version from 11g to 12c. As a result, the HP Unix boxes hosting ISIS database are to be retired.

Contact: Wendy Liu/Jung Lee/Steve Chen

Status: In progress

### **Objective 9 Instructional Technology for Smart Classroom & Smart Cart Equipment**

To complete the process of upgrading 100% of classrooms to include smart technology, we will install three more classrooms this year.

Contact: Al DeSalles

Status: In planning

### **Objective 10 Upgrade District Print Systems**

To maintain the continuity of current digital print system operations and promote innovation, we will upgrade all Xerox technologies to best support campus-wide printing, copying and scanning needs.

Contact: Al DeSalles

Status: In progress. It is expected to complete by no later than the start of the fall semester.

### **Objective 11 Departmental Instructional Technology Needs**

To respond to the technology needs stipulated by SMC constituents, implement recommended departmental technology requests for specific and miscellaneous software/equipment, and other technology accessories.

Contact: Steve Peterson/Joshi John

Status: In planning

### **Objective 12 Academic Computing Upgrades**

To keep campus computer lab systems current in alignment with the College's Technology Master Plan, we will upgrade student computers and servers to support Windows 10 for instructional purposes. We will also virtualize the Modern Language Department's physical BlackBoard Collaborate Linux server.

Contact: Joshi John

Status: In progress

**Objective 13 Support Technical Implementation of Campus Safety Technology Plan**

To strengthen campus security, we will complete the campus safety technology project; updated surveillance camera and electronic door access systems are currently being implemented.

Contact: Bob Dammer

Status: The project is about 75% completed and is scheduled to finish by  
December 2016.

**Objective 14 College Technology Resource Disaster Recovery Plan**

To protect critical SMC data and ensure solid business continuity, we will validate solutions, implementation plan and procedures for recovery of mission critical services and applications.

Contact: Bob Dammer

Status: Solution proposed, pending on budget/detailed project plans

**Objective 15 Review and Update Computer Usage Policies and Procedures**

To enhance the effectiveness of our IT operations and strengthen information security, we will review and update existing IT user policies and user account management. We will also work with the HR and the College administration to train/educate the District community about proper usage of IT resources.

Contact: IT Management

Status: In progress