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# PREFACE

The Santiago Canyon College (SCC) Technology Plan (2007-2012) was prepared by the SCC Technology Committee, comprised of a committee of voting and non-voting members who began meeting in September of 2006. Through weekly meetings and various other forms of collaborations, the attached plan was completed in the spring of 2007.

The committee consisted of the following members:

<u>Name</u>	<u>Discipline</u>
Odette Borrey	Faculty
Amy Cuneo	Faculty
Corinna Evett	Faculty – Alternate
Alice Ho	Faculty
Regina Lamourelle	Faculty
Bonnie Slager	Faculty
Connie Wilson	Faculty
Joe Yorba	Faculty
Al Huerta	Classified
Scott James	Classified
Curtis Childress	Administration
Mary Halvorson	Administration



# **SANTIAGO CANYON COLLEGE TECHNOLOGY PLAN 2007 – 2012**

## **I. INTRODUCTION**

### **A. PURPOSE OF THE TECHNOLOGY PLAN**

The purpose of the Technology Plan is to present a core philosophy and process that meets the ongoing needs of all SCC technology users. The focus of this plan is the infrastructure, asset, and support process for all instructional and informational technologies used for curriculum and operational purposes. The Technology Committee designed and developed the following components of the plan:

- An inventory of assets and classroom mediation status.
- Improvement and up-grade prioritization.
- A maintenance (or lifecycle) template as a guide for the budgeting of new replacement hardware.
- The re-positioning of used assets upon receipt of the replacement hardware.
- Current facilities and assets to provide staff development opportunities that foster an environment of continued growth and learning by faculty, staff, and students.
- A standard protocol for the planning, budgeting, procuring, and installation of new and replacement assets.
- Assurance that the systems are capable, dependable, and available to serve the needs of all SCC users as new technological opportunities arise.

### **B. BACKGROUND OF SCC'S TECHNOLOGY**

#### **District Support**

Santiago Canyon College (SCC) receives its technical services from the Rancho Santiago Community College District's Information Technology Services (ITS) department. The district's ITS Department, under the direction of the Assistant Vice Chancellor, is divided into four areas: Director of Academic Support for Santiago Canyon College; Director of Academic Support for Santa Ana College; Director of Application Systems, Programming and Systems; and Director of Network Operations.

The district's ITS Network Operations maintains the daily operational support needs for administrative servers and network infrastructure. The district's ITS Development staff maintains a list of software projects that involve both colleges and district operations and provides reports and status to college personnel.

The central systems of RSCCD are well maintained with large UPS (Uninterruptible Power Supply), fire suppression systems, and environmental control systems within the data center. All SCC data in the data center is backed up by the operations staff to a central network storage area. Finally, it is backed up to magnetic tape using a high speed system that is stored off-site.

Additionally, the district's ITS maintains a software product (Anti-gen) that blocks all incoming viruses from email accounts running on the Microsoft Exchange server and maintains an Intrusion Detection system that stops many of the incoming pornographic and spam emails.

#### **SCC Technology**

The SCC network equipment was purchased in 2003 with Cisco equipment for buildings A, B, and D and two new Dell servers for Academic operation. One server was used as a pay-as-you-print system (Go Print) in the library, and the other was used by the Academic Success Center that opened in spring 2005.

## **Facilities**

SCC provides office space on its campus for the Director for Academic Support for SCC and his technical support staff.

## **SCC ITS Staff**

### **Director**

The Director for Academic Support serves as a member of several college committees to provide the faculty and staff with direct contact with the ITS director and to ensure that all members of the staff are aware of the importance of technology to the success of SCC. These meetings provide an on-going opportunity for ITS and the college staff to work as a team to improve current technical operations, plan for future technological needs, and enhance communication to create more effective student learning and teaching opportunities.

### **Support Staff**

The Director for Academic Support oversees six technical support staff. Supporting SCC is a Technical Specialist III, two Technical Specialists I, and a Help Desk Analyst. Supporting the Orange Education Center, including eight off-campus locations, is a Technical Specialist III and a Technical Specialist I.

The SCC ITS team maintains the daily operational support needs for the academic servers and desktop support. The team interacts with the college media department and instructional divisions to ensure a useful and appropriate link to the needs of the college. The on-site team interfaces with other ITS staff to ensure district hardware and software standards are met. The overall goal is to ensure that faculty and staff receive the best support possible.

The ITS staff at SCC make every effort to protect the software and equipment on all of its computer systems. Computer workstations are installed with the current Norton anti-virus software, and administrative computers are configured to download updated versions when new software is released. The academic computers in classrooms contain anti-virus software. When new software is required, a new image is created and tested before downloading it.

## **Accomplishments**

The technology support team at SCC has made significant accomplishments during the past five years in the areas of equipment, capability, and software. These include, but are not limited to:

- High Speed Internet Access
- Upgraded Video Conferencing System
- High Speed Network Infrastructure
- Web Based Instruction for Foreign Language Labs
- Implementation of Microsoft Windows XP operating system using Office XP and 2003
- Implementation of Web Editor so staff can modify web content
- Use of web based programs and teaching aids
- Web Based Online Registration
- Online Grade Submission
- Scanning and digitalization of student records so that they can be accessed electronically

Recent examples of how technology has provided a method for faculty and staff to become more efficient include the following:

- The Educational Master Plan is in an electronic, easy access format that allows individuals to upgrade, add, delete, or evaluate a department/programs needs assessment. This electronic format is database driven and allows for collation of specific data in multiple ways and the creation of reports.

- The process of recording final grades for student transcripts has been significantly enhanced so faculty can submit grades online.
- Faculty members may post their assignments, handouts, and syllabi on the college website for students to access.
- Online assessment tools and testing are available to students and faculty.

### **Purchasing Policies**

To expedite the purchase of technology, SCC has adopted a centralized model whereby faculty and staff research their needs and discuss them with the Director for Academic Support. This consultation requirement helps SCC purchase the proper items and promotes consistent standards for ease of use in teaching, learning, and research.

The director reviews all purchase requests to ensure conformity with campus standards for network, software, and hardware specifications and compliance with section 508 of the Federal Rehabilitation Act and the Americans with Disabilities Act (ADA).

If the department has budgeted resources for the requested items, a purchase requisition may be submitted. When there are no funds budgeted for a request, the department dean will present the request to the respective vice president who has the responsibility of prioritizing requested projects and equipment within available resources.

## **II. GENERAL INFORMATION**

### **A. INTRODUCTION**

One of the primary goals of SCC is to provide a quality education for all of its students. To accomplish this goal and remain educationally competitive, it is necessary to provide access to current technologies for students.

Establishing life cycles for SCC technology will help the college determine what equipment is becoming obsolete or nearing the end of its service life and will, therefore, require replacement. A comprehensive technology life cycle policy will enable the college to forecast costs and make better decisions regarding the funds available to improve technology efficiency.

### **B. LIFE CYLCES**

The six main technologies at SCC that need to have life cycles defined are:

- Computers with monitors – Academic & Administrative
- Network Printers – Academic & Administrative
- Projectors
- Academic Servers
- Network Equipment
- Cable Plant

#### **Life Cycle Components**

To define a life cycle for a given technology, both the service life and the useful life of the specific technology must be considered.

#### **Service Life**

Service life is the amount of time a specific technology typically lasts before requiring maintenance and repairs beyond its value. Service life is a relatively fixed value, determined by the equipment reliability, how well maintenance was performed, and the overall operating environment.

**Useful Life**

Useful life of a technology is the amount of time before the technology is rendered obsolete by advances in that technology. Useful life, unlike service life, is a floating value determined primarily by the user’s needs. Because the useful life of each technology is determined by the user’s needs, equipment that is no longer useful to a user with heavy demands may be useful to another user with lesser demands. This makes it possible to recycle technology that is obsolete into other roles where it is still useful. By recycling old technology, significant cost saving can be realized.

**C. ANALYSIS OF SCC EQUIPMENT**

**Introduction**

All SCC equipment was identified with a maximum service and useful life cycle.

The chart below indicates the basic criteria used for the analysis.

**Equipment Life Cycle**

<b>Equipment Type</b>	<b>Maximum Service Life</b>	<b>Maximum Useful Life</b>
Computers with monitors	6 Years	4 Years – Heavy Users 5 Years – Moderate Users
Network Printers – Academic & Administrative	6 Years	5 Years
Projectors	6 Years	5 Years
Projector Lamp	N/A	1000 Hours
Academic Servers	5 Years	4 Years
Network Equipment	6 Years	5 Years
Cable Plant	20 Years	15 Years

The chart below identifies the length of service of equipment as related to the year it was purchased.

<b>Number of Years</b>	<b>Past Years</b>
1	2006
2	2005
3	2004
4	2003
5	2002
6	2001
7	2000
8	Prior 2000

## **D. HARDWARE OF SCC**

### **Hardware Analysis**

At SCC there are several methods used to identify hardware that needs to be replaced. The Director for Academic Support, identifies aging hardware and recommends to college management the need for replacement. Or a department identifies that their program requires newer hardware. In either case, the hardware that is being replaced must be identified as usable at another location or as equipment that needs to be salvaged. This is determined by viewing the equipment life cycle and assessing the age of the equipment.

### **Hardware Deployment**

If useful life remains for the equipment, then it is necessary to determine a location where the equipment can be used. A plan is created and a new configuration established. If the piece of equipment is past its service life, it is identified as "salvage."

## **Appendix 1. HARDWARE DEPLOYMENT**

## **E. EQUIPMENT USAGE AND USERS**

### **Identifying Equipment Usage and Users**

Of the technologies in use at SCC, computers and printers are most subjected to variable usage demands and are, therefore, good candidates for recycling. The remainder of the equipment is generally utilized to the same degree by all users and is, therefore, not likely to be recycled.

The useful life of equipment for heavy users is the shortest, followed by moderate users. The equipment used by light users has the longest useful life. Because of this, equipment that is no longer suitable for the heavy users of computing power may still be serviceable for the moderate or light users and can be recycled.

Equipment usage can be determined by looking at three factors:

- How graphic and computation intensive the task is,
- How time sensitive the task, and
- Whether academic software programs needed to allow students to stay current with industry standards can be operated on the equipment

Heavy users include classrooms and users who require powerful computers and/or are time sensitive. The needed new equipment cannot be delayed without interfering with the goals of the user. Examples include tasks that are graphic or computation intensive such as graphic design, CAD/CAM, and business and computer classes.

Moderate users are classified as users who have needs that can have minor delay without interfering with the goals of the user. Examples would include tasks that are somewhat graphic or computational intensive, or very graphic or computation intensive, but not time sensitive such as everyday office tasks. The majority of classrooms and users fall into this category.

Light users are users who have needs that are easily met. Examples would include tasks that are not graphic or computation intensive or are not time sensitive such as accessing the Internet, typing, and legacy programs. An example would be the e- computers that students use to register for classes in the lobby of Building E.

The chart identifies the user's levels by classrooms and users.

## User Levels

<b>Main Campus</b>			
<b>Line Number</b>	<b>Room Number</b>	<b>Heavy User</b>	<b>Quantity of PC's</b>
1	B104	Business	21
2	B106	Business	21
3	B208	Computer Science	21
4	L202	Student Innovation Zone - SIZ (7 PC's & 2 G5's)	9
5	U090	Mac (G5) Classroom & Lab	26
6	U101	CAD & GIS Classroom	24
	<b>Room Number</b>	<b>Light User</b>	<b>Quantity of PC's</b>
1	Lobby PC's	Student Registration	9
2	U078	MaSH	15
3	U079	Tutor Center	11
4	Single PC	Classroom with Instructor station only	18
	All Others	<b>Moderate User</b>	
<b>OEC</b>			
	<b>Room Number</b>	<b>Heavy User</b>	<b>Quantity of PC's</b>
1	OEC 149	IPL	50
2	OEC 159	Business Skills	41
3	OEC 161	Business Skills	41
	All Others	<b>Moderate User</b>	

### **III. CURRENT DISTRICT AND SCC TECHNOLOGY**

#### **A. TECHNOLOGY USED**

##### **Computers**

The district has used Dell computers as its standardized equipment since 1998.

Dell has several lines of computers.

##### **Desktop Models**

Optiplex used by business and education markets.

These models change approximately every 18 months.

Dimension, primarily for personal use.

These models change approximately every six to nine months.

It is important to the college to use the Optiplex model to create standard software images that can be used longer.

##### **Laptop Models**

The Inspiron model is primarily personal use.

The Latitude model is for business and education markets; it is similar to the desktop models.

##### **SCC's Computers**

###### **Academic** (classrooms and labs)

604 computers are in use.

20 classrooms have only an instructors computer station.

35 classrooms/labs with student computers, for a total 585 computers.

###### **Administrative** (staff to include instructors offices)

352 administrative computers are in use.

##### **Acquisitions / Policies Since 2004**

Since July 2004, the college has added 30 new classrooms/labs with an additional total of 307 computers. This is nearly a 100% increase since July 2004 of classrooms/labs that must be maintained by technical support. These are located mostly in the two new buildings, the student services building (E) and the Library. There are other new classrooms/labs throughout the college that occurred when the space was reconfigured; these also received computers for instruction.

In both new buildings, staff received new computers. This process replaced some outdated computers that were salvaged. In a few cases, some usable computers became available; these were redistributed to other operations within the college.

Additionally, the college has begun a practice of providing a new computer for each new full-time faculty member when he or she begins teaching.

**Appendix 2. COMPUTER CLASSROOMS with more than 1 PC (by room number).**

**Appendix 3. COMPUTER CLASSROOMS (by room number).**

**Appendix 4. COMPUTER CLASSROOMS with single PC (by room number).**

### **Printers**

The college has a total of 266 printers

44 are in academic use.

222 are in administrative use.

74 of the 226 are network printers and the others serve as local connections to a computer.

7 of the 266 are color network printers.

**Appendix 5. NETWORK PRINTERS (by room number/function).**

**Appendix 6. NETWORK PRINTERS (by purchase date/function).**

The Equipment Life Cycle Diagram/Chart presented earlier in this report was used to identify aging hardware in the five hardware categories: Academic Computers, Academic Network Printers, Projectors, Administrative Computers, and Administrative Network Printers, with the useful service life of each hardware category being six years.

Thereby, using worst case scenario, all hardware will need to be replaced every six years. These quantities were used to determine replacement cost by category in the Future Technology section of this report.

### **Software**

The District ITS department provides both academic and administrative computers at SCC with current release of Microsoft Office via the college's enrollment in the Campus Agreement. The current versions are Office 2003 with Windows XP. Microsoft Windows Operating System is included whenever a computer is purchased. The District's ITS staff provides the standard base image for every administrative computer.

Every computer is locked to keep staff from installing software on their own.

Some faculty and staff, however, request additional software be installed. This type of installation must be approved by their immediate supervisor. Often this installation requires a technician to install the software.

The software used on academic computers is determined by each department chair who may request help in ordering the software or handle it personally. When the specific software is received, Academic Support will install it along with all other programs required in the specific classroom. Technicians attempt to ensure the software is functional; however, the technician may have little or no knowledge of some of the new software. This makes it difficult to determine if the software has been properly installed.

One major software package used by the college is Plato. It is used by the Continuing Education programs and Academic Success Center, Math Study Hall, and the Writing Center began using it in fall of 2007. The college combines all Plato licenses on a single purchase order to ensure version compatibility and reduce duplicate license fees.

**Appendix 7. SOFTWARE TITLES (by room number/department).**

**Appendix 8. SOFTWARE TITLES (by alpha order).**

In spring 2006, SCC purchased a software product (Key-Server from Sassassfras). This product has been successfully used at the Continuing Education facility for several years. Key-Server is licensed for 600 college computers and 600 continuing education computers and runs on single server that manages both sites. This product controls access and use of specific software programs.

For example, the college purchases QuickBooks for classroom B106 at SCC; it is used once a week. Key-Server allows SCC to also install QuickBooks in the Computer Lab. The software is restricted from access during class periods. However, when there is no class, the software is available in the computer lab for students to use to complete their assignments. This limits the number of computers to the number of licenses purchased, but the same number of licenses can be used in multiple locations to provide the maximum use of the software.

### **Academic Servers**

The college purchased two high-end HP Proliant DL385 servers in the summer 2006.

One was purchased using college TTIP funds and the second was partially funded via funding secured for the new Library building equipment. They are exact duplicates, with the following hardware:

- Two AMD 2.4 GHz dual core CPU's
- 8Gb of memory
- Two 72Gb hard disk drives
- Two hot plug power supplies
- Two dual port network connections
- Three year – four hour response service on site

Along with the two servers, a set of disk storage system was purchased with the following hardware:

- Eleven – 146Gb hard disk drives
- Expandable to 28 disk drives with redundant fiber communication channels to each server.

This disk storage is used to store classroom images and student data files placed by faculty members where students can access them while in the classroom.

Each server is running a new operating system environment, but not the standard Windows Server Operating system. Each server runs Virtual Machine software (VMX), which allows up to six virtual Windows Operating Systems on each server. This makes it possible for the college to have 12 Windows servers on two physical hardware systems. Because servers are seldom used and often sit idle, this new approach allows the costly hardware to be better used. Each physical server is connected via fiber channel to the disk storage where all the data is stored. The physical disk drives on the server are for the VMX software and local configurations.

### **Appendix 9. HP SERVERS.**

In spring 2007, an Apple rack mounted server was purchased with the following hardware:

- Two Intel Xeon 2.0 GHz dual core CPU's
- One 300Gb hard disk drive
- 2Gb of memory
- Dual power supply

This server supports the Mac classroom computers in U90, Library, and future rooms. Technical services can create images similar to PCs and store them on the server and download them to student stations in the same way as a PC. In addition, this server provides remote service for technical services to each station thus, providing better support to the classrooms.

SCC also has some stand-alone servers that run special academic software required by specific departments. All academic servers are housed in the server room in the Library building. The room is a self contained room, with its own air conditioner and UPS for all the equipment.

## **Appendix 10. SCC SERVERS.**

### **B. INFRASTRUCTURE AND NETWORK EQUIPMENT**

This section is divided into two parts, cable plant and network equipment or communication hardware required from every computer to other computers.

#### **Infrastructure**

Every organization has a MPOE (Main Point Of Entry) assigned by the local phone company. SCC's is in room A112; therefore, all incoming phone lines are installed in room A112 as well as all network communications, such as the SCC Internet connection. From room A112 all network connections are routed to room A207 where the central network equipment is installed. All buildings are wired via fiber optic cable back to room A207. This is identified as the outside cable plant.

Building B is directly wired back to room A207.

Building C is routed via D building, which is wired back to room A207.

Building E is also routed through D building before ending in room A207.

Since building D has been built, on numerous occasions additional fiber optic cable has been pulled in from building A and B to accommodate the growth.

The inside building cable plant for buildings A and B contains the original wire that was installed when the buildings were constructed nearly 20 years ago. This wire is commonly referred as category 5 and 5-e. It has some limitations as to speed and the distance from which the computer can be located from the network equipment. The speed is limited to 100 Mbps, with 300 feet the maximum distance allowed away from the computer.

Many computers being purchased today have network interface cards with three speed modes, typically written 10/100/1000. The wiring in these two building cannot accommodate the new speed. There is fiber optic cable from building A to building B. The inside building cable plant for buildings C and D are also the original wire with category 5 and 5-e, which is now outdated wire.

As noted previously, the maximum service life of a cable plant is 20 years. Buildings A and B have far surpassed that time restraint, and buildings C & D are nearing the end of their service life.

Buildings E and the Library, the college newest construction, have the latest available category 6-e wire throughout each building.

#### **Network Equipment**

With regard to age, the network equipment of SCC is the same as the cable plant. All four of the older buildings A, B, C and D have the oldest network equipment. Some of these components were replaced within the last ten years, but the maximum service life is six years. More important than the age of the equipment, however, is the fact that the equipment cannot support the faster speed of the new network interface cards of 10/100/1000 that are part of every new computer.

Furthermore, the network equipment in the four buildings, A, B, C, and D was installed using the old technology method of placing network equipment in each classroom. This spreads out the equipment and makes it harder to maintain the equipment and more difficult to replace it.

In fall 2006, there were network related issues in building D. Several remedies were performed to keep the building network infrastructure operational, but for the long-term solution, this building needs to be reconfigured with current network equipment and the building needs more optical fiber. A more detail description of what is needed is included in the Future Technology section.

### **Network Ports**

The college has 1200 network ports throughout the campus; there are administrative and academic network ports. The type of port depends on the computer that is connected. The two newer buildings (E and Library) are equipped with chassis style network equipment (current technology).

The older buildings have older technology with individual network switches. This information is critical to departments who need to expand their use of computers. It is necessary to determine if additional network ports will be required to support the quantity of computers requested before additional computers can be added.

## **Appendix 11. NETWORK PORTS (by building).**

## **IV. MEDIA SYSTEMS / MEDIATION**

### **Introduction**

Mediation of classrooms has become of greater concern since the last Education Master Plan was written in 2002. Much thought and discussion regarding classroom mediation has occurred throughout college, with a major area of discussion being the equipment required for a classroom to be a high technology classroom.

The following items currently make up a fully mediated classroom:

- Projector with computer.
- Stereo receiver that controls volume output to the speakers mounted on the walls or ceilings from DVD and VHS players that are enclosed in an instructor lectern. (Nova station at standing height 40 inches).
- ADA compatibility with a closed caption decoder is also required.

The college has recognized the importance of classroom mediation. All future construction of new buildings will include mediation of all classroom to the extent possible.

Before any purchase of media for existing classrooms, however, the classroom needs to be evaluated by Media Systems department and Academic Support for computer access and network connectivity.

The following list of items needs to be considered and discussed with the user.

- Functionality
- Future capability
- Current equipment
- Room consideration
- Lighting & Sound
- Ease of use

## **A. CURRENT MEDIA SYSTEMS**

### **Projectors**

The main campus has 54 projectors, with nine on mobile carts. The age of these units varies widely; some were purchased in 1999. Media Systems identified 15 projectors that needed to be replaced as they had exceed their maximum service life and could be expected to fail at any time. Four of these projectors were in classrooms and 11 were on mobile carts.

As part of the new construction of buildings E and the Library, 14 new projectors were purchased for the classrooms.

Media Systems has identified 10 classrooms that have incomplete mediation.

(They are rooms B103, B104, B106, B207, B208, D206, U85, U90, U101, and U102.) These classrooms were among the first to have a projector installed and may not have speakers, VHS, or DVD player. In some cases other media relate equipment is missing.

### **Spring 2007 Updates**

In the spring 2007, the college used instructional equipment funds to replace 17 projectors, including six projectors used by Media Systems for dispatching, with the remaining 11 replacing outdated classroom projectors. In addition, 10 new classrooms were identified and funded to be fully mediated for fall 2007 semester. Media Systems has identified 22 classrooms that have no mediation.

**Appendix 12. PROJECTORS (by purchase date).**

**Appendix 13. PROJECTORS (by room number).**

**Appendix 14. AV EQUIPMENT DELIVERED TO CLASSROOMS.**

**Appendix 15. 10 INCOMPLETE CLASSROOMS (AV EQUIPMENT NEEDED).**

**Appendix 16. CLASSROOMS WITH NO MEDIATION.**

## V. ITS – ACADEMIC SUPPORT RESOURCES

### Introduction

As of spring 2007, the academic support department consisted of the Director for Academic Support and the following staff:

Staff	Current Position	Site	Grade
1	Technical Specialist III	SCC	17
2	Technical Specialist I	SCC	13
3	Technical Specialist I - PM	SCC	13
4	Help Desk Analyst	SCC	13
5	Technical Specialist III	OEC	17
6	Technical Specialist I	OEC	13

On the main campus, one Technical Specialist I begins a shift at 8:00 and works until 5:00 pm, Monday through Friday. The other Technical Specialist I begins a shift at 12:30 and works until 10:00 pm, Monday through Thursday and four hours on Friday. This provides some technical service to instructors and classrooms in the evenings.

At Orange Education Center, the Technical Specialist III works 7:00 am until 4:30 pm, Monday through Thursday with four hours on Friday morning. The Technical Specialist I is scheduled from 9:30 am until 7:30 pm Monday through Thursday.

The existing staff has many years of experience and works very well as a team. The SCC Technical Specialist III has over 10 years with the district; the Technical Specialist I has over six years experience, and the Help Desk has 24 years with the district.

The newest Technical Specialist I is a recent district hire but has nearly six years experience at another community college.

At the Orange Center, the Technical Specialist III employee has been with the district for over five years, with additional previous experience, and the Technical Specialist I has one year experience with the district but has three years previous experience.

### **Need for Additional Staff**

Both college locations, the main campus and at the OEC, are in severe need of additional technical positions. The technical staff size has not increased in the past five years. However, in the past five years there has been a significant increase in all aspects of technology. The sharp increase and demand for more computers, printers, hardware, and instructional software in additional buildings, classrooms, and computer labs, along with many new staff members requires increased technology services. There has been a steady increase in IT requests for services each year. The need for additional technical staff support is critical to instruction and the operational needs of the college.

The recommendation of the technology department, which is supported by the college technology committee, is to hire, at a minimum, another Technical Specialist III. This new position would primarily assist existing staff in creating and maintaining classroom images, a need that has increased dramatically in the last two years on the main campus and at the Orange Education Center.

**Appendix 17. SCC REQUESTS FOR TECHNICAL ASSISTANCE.**

**Appendix 18. OEC REQUESTS FOR TECHNICAL ASSISTANCE.**

These charts displays the number of users request for ITS service for years 2005 and 2006 on the main campus. There is data for only 2006 for the OEC site.

**Proposed Staffing**

The following increase in staff is proposed.

<b>Staff</b>	<b>Requested Positions</b>	<b>Site</b>	<b>Grade</b>	<b>Annual Salary with Benefits</b>
1	Technical Specialist III	SCC	17	\$99,791
2	Technical Specialist III	OEC	17	\$99,791
3	Technical Specialist I	SCC	13	\$82,057
4	Technical Specialist I	OEC	13	\$82,057
5	Technical Specialist II – PM	SCC	15	\$94,123
6	Technical Specialist II – PM	OEC	15	\$94,123
7	Network Specialist III	SCC	19	\$110,985

**VI. STAFF DEVELOPMENT**

**Introduction**

There is a dedicated facility for faculty and staff to use in the Library, the Faculty Development Center (FDC). In a survey conducted in the spring 2006, faculty indicated the strongest interest in the following areas:

- Podcasting to enhance curriculum
- Concepts of course management using “Blackboard”
- Creation of better online courses
- A variety of other technology application topics to enhance teaching and student learning.

**Training Plan for Faculty**

A plan has been developed to work with the Faculty Development Committee in creating trainings workshops of interest to the faculty as well as workshops of interest to classified staff. Additional, within the plan, annual surveys will be sent to faculty and staff to help provide direction for additional needed technical support training.

**Training for IT Technicians**

There is an on-going need to train IT technicians on new software and programs requested to be installed. Immediate training is needed for successful support with the new release of Windows Operating System Vista and Office 2007.

## **VII. DISTANCE EDUCATION**

### **Introduction**

During the summer 2005, the district ITS department entered into a contract with Blackboard to provide Course Management System for both colleges. The contract ensures that Blackboard host all the course modules and related files on their server. The district will no longer have any Blackboard servers.

In the previous Blackboard hosting contract both colleges were using Blackboard in separate ways. Santiago Canyon College had contracted with CVC to host its distance education classes, and Santa Ana College had its own server running Blackboard. The new hosting contract allows SCC not to continue replacing hardware periodically when it becomes outdated. This put the focus of the college on course content.

During the fall 2006 semester, a district wide Distance Education task force was created. This task force is composed primarily of faculty from both colleges. They identify compatibility, review issues, and provide a unified distance education plan. SCC faculty and administration agree that a full-time Distance Education Coordinator will be necessary in the near future.

## **VIII. WEB TASK FORCE**

### **History**

The Web Task Force was formed fall 2004 to assist interested faculty and staff to develop web sites, and learn to use templates provided by a vender-hosted site, School Web Services.

In 2006, the Web Task Force expanded to include representatives of campus units/divisions/departments/programs. An outside consultant was hired. He serves as the leader of the Web Task Force group, provides training as well as individual tutorials, and is the link between campus personnel and the vendor's product via RSCD District IT. SCC faculty and administration agree that a full-time web master will be necessary in the near future.

### **Activities/Duties**

The SCC home page was designed by the Web Task Force. There are challenges with both the "patrolling" the links on the home page and the process to determine what should be included on the page. A policy was adopted that as a whole the task force will determine what shall appear on the front page. This is a dynamic process that is constantly being refined.

The web task force has attempted to "patrol" the sites to identify out-of-date, incorrect, or missing data, and notify the responsible individuals as well as encourage representation for all programs, departments, and functions. Specific problem areas have been identified and addressed such as: the staff directory, banner crawl for late-breaking enrollment opportunities, identification of responsible individuals for specific pages, and ease of use.

Training sessions have been sponsored for groups, individuals, faculty FLEX week, new employees, and as requested. This training will be continued.

## **IX. CONTINUING EDUCATION**

### **Background**

Over the last 5 years, the technology at Orange Education Center (OEC) has grown and changed dramatically. In its previous small site on Lemon Street, the program had 250 computers running on a 10 Mbps network. At the new center on Batavia Street, it has 700+ computers on a 1000 Mbps network. The number of applications supported has expanded from 35 to over 70, and additional licenses and key servers have been added to increase the quantity of computers using those applications while minimizing the cost.

### **New Technologies**

Orange Education Center has developed a number of technologies that has changed the way the program functions. The new work order system allows instructors to report and track problems, and a number of technologies such as PXE, VNC, and WOL have been added to remotely control and repair computers across multiple sites. Printing has been expanded in the staff room to convert two times the number of printers, and poster printing has also been added. Attendance hours can now be added electronically and supplies have been barcoded for easy access and tracking.

The part-time faculty resources have increased to four times more computers, and there are additional scanning and printing capabilities. A number of organizational information systems for managing teaching materials and other faculty resources, recording and monitoring absences and substitutes, increasing collected student data, high school completion and requirements, room booking management, and vacation planning have been added. Almost all areas of OEC now uses some web based tool to automate part of their workload and interact with data from other areas.

### **Off-site Locations**

SCC Continuing Education provides educational programs at other locations.

Since January 2002, classes have been offered at the Anaheim Hills Center in the Light of the Canyon Church. The center has one classroom configured with 40 student computers, a server allowing students to print, and other services as well as an internet connection. There are several staff computers setup to provide access to district resources.

The other off-campus locations support the inmate educational program at five jails with nearly 150 computers. Each jail has a server setup to support the room; however, internet access is not permitted at the jails.

### **Computers**

The Orange Education Center has 23 classrooms with 435 academic computers along with 79 administrative computers. Most of the current academic computer configurations are Dell Optiplex 280 Small Form Factor; Pentium 4 CPU with 512Mb of memory; 80 Gb disk drive, with 128Mb video card.

Several academic classrooms and some administrative offices have similar hardware configuration. Additional memory was purchased in the fall 2004, with installation beginning in December 2004 to support instruction that began January 2005.

There are nine off-campus locations with 191 computers. The Anaheim Hills Center site and the eight inmate education programs have their own local area network primarily for printing to a network printer.

The computers for Anaheim Hills Center were replaced in the spring 2007. The inmate program usually receives still-useful computers from various sites when academic classroom computers get replaced.

**Appendix 19. OEC COMPUTERS (by classroom).**

**Appendix 20. OEC COMPUTERS (by location).**

**Appendix 21. OEC ACADEMIC COMPUTERS OF OFF-CAMPUS SITES.**

## Projectors

There are 30 projectors: three at Anaheim Hills Center and one mobile projector. Twenty-six of the projectors are mounted in the ceiling at OEC, with a network port so that each can be managed remotely by technical staff. These projectors were purchased when the new building was constructed in late 2004.

**Appendix 22. OEC PROJECTORS (by room number).**

**Appendix 23. OEC PROJECTORS (by purchase date).**

## Printers

New printers were purchased in late 2004 and installed in every classroom and administrative areas.

Continuing Education has 100 printers at all sites with 33 being academic network printers and 14 administrative network printers. The remaining 53 printers are locally connected printers.

**Appendix 24. OEC NETWORK PRINTERS (by purchase date/function).**

## Infrastructure and Network Equipment

The network speed at Lemon Street was 10 Mbps; the current speed at the Batavia site is 1000 Mbps network to all computers and network printers.

Category 6 wire was installed to every computer station at OEC during its remodeling. This is expected to provide for any future network equipment requirements for approximately 15 years.

There are two communication rooms in OEC, with the main server and communication room being 119-1; the secondary communication closet is 169-2. Room 119-1 has its own HVAC and UPS system to support for all the electronic equipment that serves the building. The phone system is also installed in this room.

Cisco 4500's model network switches were purchased new for the OEC building; this accounts for about half the network equipment for the building. The other network equipment (Cisco 3500) was installed from inventory; this equipment will need to be replaced in the future. There are a total of 672 network ports; more will be required as computers are installed in additional classrooms.

## Software

All software is installed and managed by Key-Server; there is no other software in use at OEC. Continuing Education uses Plato extensively throughout its program; it is installed in every classroom. Plato offers many modules to their system; the following list identifies the modules that are licensed. All information regarding the use of Key-Server and Plato at the OEC is discussed in the SCC Software section.

**Appendix 25. OEC KEYSERVER SOFTWARE PROGRAMS**

## Servers

Servers at OEC has not changed during the past five years. OEC has 14 servers; seven are at OEC site, Anaheim Hills has two , and each of the jail operations has a single server.

The three Dell Power Edge 4600 server's dual CPU processors at OEC, purchased in spring 2002, have limited disk capacity and memory. There are two Dell PE 600 servers purchased in 2002 at OEC. These are desktop computers running server software to function as a server. None of these hardware systems will support the new Windows Server software released in 2007.

**Appendix 26. OEC SERVERS (at OEC and OFF-CAMPUS SITES).**

## **Future**

During the spring 2007, a quote was provided for two new HP servers that will increase server capacity to match the increased load. The estimated cost is \$56,018 plus server software costs of \$2,010. These new servers would function the same as the SCC HP servers. The expected life of this new hardware and software would be five years. These two servers would replace all existing seven servers house at OEC.

A quote for \$5,600 is in process to replace the two servers at Anaheim Hills Center with one larger robust server.

The network equipment is being evaluated. A proposal to replace some of the existing network equipment to prepare to accommodate the additional load and increased bandwidth with new computers with their faster network cards is in process. The estimate to upgrade the networking equipment for OEC site is \$192,222. This equipment will replace the existing network hardware in the server room 119-1 and make available a Cisco 4500 switch that could be used on the main SCC campus. All the network equipment in room 169-2 is sufficient for the next three to five years.

The current network equipment in room 119-1 was provided by district ITS department to assist with cost savings when the new OEC facility was opened. It was anticipated that the network would need to grow as the programs grew.

Classrooms are already using more bandwidth than was estimated when the center opened, and the current network equipment cannot support this usage. Approximately 1000 network ports are in use throughout the building and there is a current need for new network equipment. Additionally, there are a couple of classrooms that have no computers. It is anticipated that computers will be installed in these classrooms in the near future; these will require additional network ports as well. For these reasons, there is a need to upgrade the equipment in room 119-1 as quickly as possible and replace the servers that have exceeded their life cycle expectancy.

### **Appendix 27. OEC FORECAST (EQUIPMENT REPLACEMENT COSTS)**

### **Appendix 28. OEC FORECAST - OFF-CAMPUS SITES (EQUIPMENT REPLACEMENT COSTS)**

### **Appendix 29. OEC INFRASTRUCTURE UPGRADE FORECAST.**

## X. ADMINISTRATIVE SYSTEMS

The following administrative systems are hosted at the district data center:

- a. Microsoft Office Suite (Access, Word, Excel, PowerPoint)  
Outlook: part of Microsoft Office suite and communicates with the Microsoft back-end data base system identified as Exchange. Used for Email, Calendar, Tasks, etc.
- b. Web servers – college, district, Intranet
- c. Datatel
- d. Glink  
Users access student data from the district mainframe system.
- e. IFAS – Users access financial data from a district server base system.
- f. WinSked – written by third party vendor to create the academic class schedule.
- g. Internet
- h. Remote Access – Users access district resources from remote locations when away from office computers. Users have access to employee intranet, user's home directory, and all personal Outlook items.
- i. Home Directory – H drive  
A private storage location for full-time staff members, which prohibits others from viewing another staff member's directory. It is strongly recommend users save all their documents to this location as ITS operation backs up daily all data that was modified. If data is saved on local hard disk user's data is lost for ever if the drive fails.
- j. Blackboard  
Hosted by Blackboard (review Distance Education section)  
A third party vendor, selected by the district to be the provider of distance education or on-line classes. Current vendor hosts all the data and course software and is responsible for providing access and backup of systems.

Each college has its own unique branding Web Servers along with a server for district functions and other for the Employee Intranet.

## XI. WIRELESS

SCC began offering wireless access during the spring 2006 through antennas points installed in building A, B, C, D, E and T. The students immediately began using the system without any training or announcement. Before the start of fall 2006, four antennas were installed in the Library building; two on each floor. During fall 2006, five antennas were installed in seven rooms in the U buildings. This chart displays number of antennas by building.

### Summary of Antennas

Building	1 <sup>st</sup> Floor	2 <sup>nd</sup> Floor	3 <sup>rd</sup> Floor
A	1	2	
B	1	2	
C	1		
D	3	2	
E	1	1	1
T	1		
U – many rooms	7		
Library	2	2	

OEC installed four wireless antennas during the spring 2006 to provide improved coverage in the three conference rooms expected to most often use this service.

**Appendix 31. SANTIAGO CANYON COLLEGE CAMPUS MAP (identifying the hotspots).**

**Appendix 32. OEC WIFI ACCESS POINT LOCATIONS (identifying the hotspots).**

## **XII. FUTURE TECHNOLOGY**

### **Hardware**

Future hardware recommendations are based on the service life noted in the equipment life cycle sheet.

A spreadsheet was developed to provide a summary of the quantity of computers; network printers, divided between academic and administrative use by purchase year, and to identify the recommended replacement year. The forecast spreadsheet provides the college a forecast, or an estimated cost that will be required to keep technology current for the next six years to replace aging hardware.

Note: The top portion of the report identified 105 academic computers, 13 academic network printers, and 17 projectors needing to be replaced in 2007. The college was fortunate to have some onetime instructional equipment dollars that they used to replace all of this hardware.

The middle section calculates the cost of the hardware using the price of a standard replacement unit. This is a forecast only; cost of replacement hardware changes frequently.

Therefore, the SCC forecast spreadsheet provides the college a forecast, or an estimated cost to replace aging hardware that will be required to keep technology in the five major categories current for the next six years.

### **Software**

Microsoft introduced a new operating system (OS) Windows Vista and a new version of Office 2007 in January 2007. Several issues need to be resolved before the college can begin deploying a new operating system and/or the Office suite of products.

The academic programs can request the new operating system or Office be installed on classroom computers, but if the systems have minimum hardware specifications, upgrading requires rigid tests to ensure compatibility between software and hardware and proper functioning of the equipment.

This problem is exasperated at this time when the ITS development team is working on migrating the legacy system to the new enterprise system Datatel. It is known that the hardware system requirements are a minimum of 1 Gb of memory and a 128 Mb graphic video display card. Not all of the current computers have enough hardware to use Windows Vista. Future computer orders, however, will include systems necessary to be Vista compatible.

The new version of Office does not require the same rigid tests as the operating system, but some testing is required to ensure capability between versions and other district applications, especially WinSked.

### **Infrastructure**

As explained in Section V, the inside cable plant in four buildings, A, B, C, and D have surpassed their service life cycle. The network equipment has surpassed its intended service life as well. In these four buildings, much of the inside cable wire will not support the faster network speeds that comes with new computers and newer technology, such as new telephone systems.

Current network equipment is identified as chassis module that supports large concentration computers, similar to the Library module. The current method of installing network equipment is to place it in one main communication closet supporting the entire building.

The chassis network switch that is located on the first floor in building E needs an additional network blade to provide for more network connections as users have been incrementally adding computers since the building opened in 2004.

**Appendix 32. SCC FORECAST - MAIN CAMPUS (EQUIPMENT REPLACEMENT COSTS).**

**Appendix 33. SCC INFRASTRUCTURE UPGRADE FORECAST**

## **Buildings**

The college is in growth mode; during the next five years, several new buildings are scheduled to be constructed.

The Science Building, which began construction in fall 2007, will take approximately 18 months to complete. The first estimate for technology is that approximately 400 computers, with 600 network ports, will be needed in this building.

During this same time frame the Maintenance and Operations building is planned. This will aid the infrastructure communication service to the college campus because the plan is to move the MPOE from building A into the M&O building to provide better service to networking equipment and telephone equipment.

A Humanities Building and a Exercise Science/Gymnasium Building will be built during the next five years. Exact time frame for the opening of these two buildings will depend on the time it takes for architecture design, state approval, and construction. It is too early to estimate the number of computers and network ports for either of these buildings.

Additional technicians will be required to continue supporting the college as it grows.

During the 2007 Tech Ed conference several major themes were discussed that will affect the viability of the SCC technology plan. It is projected that students will request more mobile technology such as wireless laptops, iPods. and electronic equipment, and there will be a need for their content to be personalized. Furthermore, on-line learning and/or distance education will continue to grow beyond what is being offered today.

These issues bring forth the following questions:

Can the college support these requirements financially?

What will need to be changed and added to meet future technology needs?

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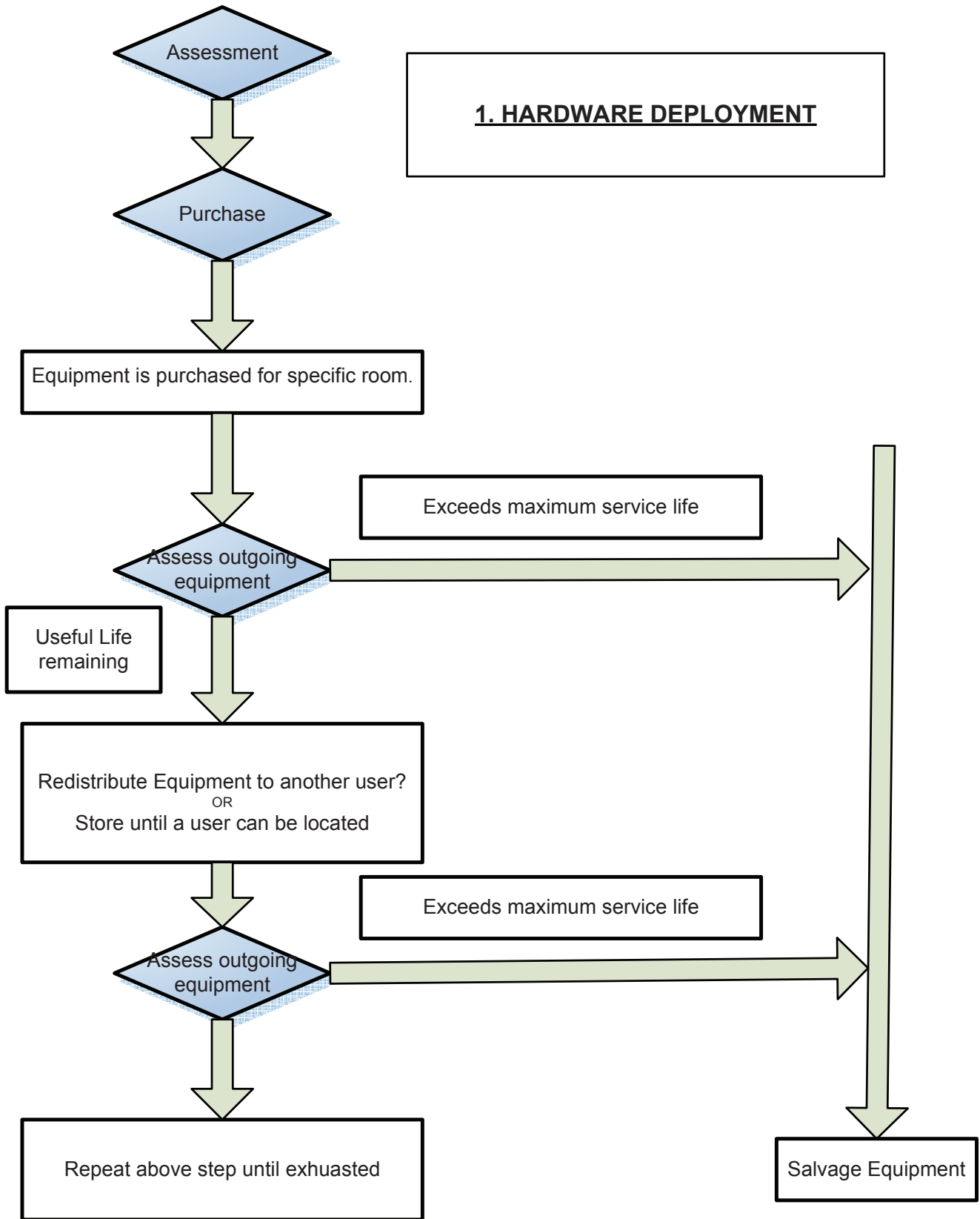
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**2. COMPUTER CLASSROOMS**  
**with more than 1 PC**  
**(by room number)**

Line Nbr	Room Nbr	Qty	Department Name	Model	Date
1	A210	5	ASB/Student Services	Old Dim	2000 & 2001
2	B104	21	Business	Dim 4600	May 25, 2004
3	B106	21	Business	Dim 4550	June 9, 2003
4	B204	4	Physics Laptops	Latitude D610	September 23, 2005
5	B207	21	Philosophy	Dim 4100	May 31, 2001
6	B208	21	Computer Science	Dim 4300	January 5, 2002
7	Carts	13	Media Systems	GX50, others	September 22, 2001
8	D104S	4	Counseling	Dim 4500	July 31, 2002
9	D106	12	Counseling	Dim 4400	January 5, 2002
10	D129	4	Forensics	GX270	September 14, 2004
11	D205	15	Psychology	Dim L500c	March 20, 2000
12	D208	15	Academic Success Center	Dim 4600	April 30, 2004
13	D209	39	Academic Success Center	GX400	June 11, 2001
14	D209-4	10	Academic Success Center	GX620 SFF	March 13, 2006
15	E105	8	DSPS	GX280 Mini	June 7, 2005
16	E108	4	EOPS	Dim's	January 1, 2001
17	E202	3	Honors Program	GX620 SFF	March 31, 2006
18	E303	10	Testing	GX280 Mini	December 20, 2004
19	E304	35	Multi Use Classroom	GX620 SFF	August 23, 2005
20	E307	23	Foregin Language Lab	GX280 Mini	December 20, 2004
21	Library - 1st Floor	54	Library	GX620 SFF	May 7, 2006
22	Library - 2nd Floor	15	Library	GX620 SFF	May 7, 2006
23	Library - BI Room	37	Library - BI Classroom	GX620 SFF	May 7, 2006
24	Library - FDC	11	Faculty Development Room	GX620 SFF	May 7, 2006
25	Library - SIZ	10	Student Innovation Zone	Dim 9200	October 18, 2006
26	Library Laptops	10	Library Laptops	Inspiron 6000	June 21, 2006
27	Library Laptops	12	Library Laptops	Inspiron 2500	November 1, 2001
28	Math Laptops	5	Math Laptops	Latitude D610	May 16, 2006
29	U078	15	MaSH	GX620 SFF	March 12, 2006
30	U079	11	Tutor Center	GX110	June 8, 2000
31	U085 Laptops	8	Biology Laptops	Inspiron 5150	June 24, 2004
32	U089	39	Computer Lab	Dim L933r	April 1, 2001
33	U090	26	Mac's	G5	June 29, 2004
34	U101	24	Career Ed	Dim L866r	December 29, 2001
35	U102	21	Math - some being replaced	Dim L933r	May 24, 2001
36	U105-4	4	MUN	Dim L550r	March 20, 2000
37	<b>Total</b>	<b>590</b>			



**3. COMPUTER CLASSROOMS**  
**(by room number)**

Line Nbr	Room Nbr	Qty	Department	Comments
1	A209	1	Arts, Humanities, SS	New Fall 2006
2	D204	1	Arts, Humanities, SS	New Fall 2006
3	D209-4	10	Academic Success Center	New Fall 2006
4	D215	1	Arts, Humanities, SS	New Fall 2006
5	D220	1	Arts, Humanities, SS	New Fall 2006
6	D221	1	Arts, Humanities, SS	New Fall 2006
7	D222	1	Arts, Humanities, SS	New Spring 2006
8	E202	3	Honors Program	New Spring 2006
9	E203	1	Multi Use Classroom	General
10	E204	1	Multi Use Classroom	General
11	E205	1	Multi Use Classroom	General
12	E303	6	Testing	
13	E304	34	Multi Use Classroom	New Spring 2006
14	E305	1	Multi Use Classroom	General
15	E306	1	Multi Use Classroom	General
16	E307	23	Foregin Language Lab	New room Fall 2005
17	E308	1	Multi Use Classroom	General
18	E Bldg Lobby	10	Student Registration	New Spring 2006
19	LRC - 1st Floor	54	Library	Increased from 12
20	LRC - 2nd Floor	15	Library	New Fall 2006
21	LRC - BI Classroom	37	Library - BI Classroom	New Fall 2006
22	LRC - FDC	11	Faculty Development Room	New Spring 2007
23	LRC - SIZ	10	Student Information Zone	New Spring 2007
24	Library	11	Laptops	Coming Fall 2006
25	U078	20	MaSH	Plato software
26	U085	8	Laptops: Inspirons 5150	Biology Lab
27	U089	8	Computer Lab	Additional Computers
28	U090	26	Mac's	Updated PC's in Summer 2004
29	Math Laptops	5	Latitude D610	New Spring 2007
30	U105-04	4	MUN	New Fall 2006 - Dimension PC's
31	<b>Total</b>	<b>307</b>		



**4. COMPUTER CLASSROOMS**  
**with single PC**  
**(by room number)**

Line Nbr	Room Nbr	Qty	Name	Departments	Model	Date
1	A103	1		Arts, Humanities, SS	GX280 Mini	20041220
2	A209	1	New Fall 2006	Arts, Humanities, SS	GX240	20020206
3	B103	1		Arts, Humanities, SS	GX240	20020001
4	B203	1		Business, Math, Science	GX240	20020206
5	D101	1		General	GX745 SFF	20070102
6	D204	1	New Fall 2006	Arts, Humanities, SS	GX240	20020206
7	D206	1		Arts, Humanities, SS	Dim L866r	20001201
8	D207	1		Arts, Humanities, SS	Dim L500c	20000320
9	D215	1	New Spring 2007	Arts, Humanities, SS	GX620 SFF	20060906
10	D217	1		Arts, Humanities, SS	GX50	20010001
11	D220	1	New Fall 2006	Arts, Humanities, SS	GX240	20020206
12	D221	1	New Fall 2006	Arts, Humanities, SS	GX240	20020206
13	D222	1	New Spring 2006	Arts, Humanities, SS	Dim 4500	20020001
14	E203	1		Arts, Humanities, SS	GX280 Mini	20041220
15	E204	1		Arts, Humanities, SS	GX280 Mini	20041220
16	E205	1		Arts, Humanities, SS	GX280 Mini	20041220
17	E206	1		Arts, Humanities, SS	GX280 Mini	20041220
18	E305	1		Arts, Humanities, SS	GX280 Mini	20041220
19	E306	1		Arts, Humanities, SS	GX280 Mini	20041220
20	E308	1		Arts, Humanities, SS	GX280 Mini	20041220
21	U099	1		Human Development	GX240	20020206
22	<b>Total</b>	<b>21</b>				



## **5. NETWORK PRINTERS (by room number/function)**

<b>Function</b>	<b>Room Nbr</b>	<b>Model Nbr</b>	<b>Division</b>	<b>Room Type</b>	<b>Install Date:</b>
<i>Academic</i>					
	B104	LaserJet 5 SIMX	Business, Math, Science	Classroom	19970501
	B106	LaserJet 4200N	Business, Math, Science	Classroom	20030507
	B207	LaserJet 5 SIMX	Arts, Humanities, SS	Classroom	19980401
	B208	LaserJet 5 SIMX	Business, Math, Science	Classroom	19960101
	D106	LaserJet 5 SIMX	Counseling	Classroom	19980301
	D129	LaserJet 1300N	Arts, Humanities, SS	Lab	20040801
	D205	LaserJet 8100DN	Arts, Humanities, SS	Classroom	19990801
	D209	LaserJet 4100TN	Arts, Humanities, SS	Both	20010612
	E304	LaserJet 1320N	Arts, Humanities, SS	Classroom	20050928
	E307	LaserJet 4200N	Arts, Humanities, SS	Both	20050117
	L102	LaserJet 4240N	Library	Lab	20061108
	L102	LaserJet 4250	Library	Lab	20060601
	L102	Phaser 6300DN - Color	Library	Lab	20060519
	L201	LaserJet 4250N	Library	Lab	20060601
	L201	Phaser 6300DN - Color	Library	Lab	20060519
	L217	LaserJet 5000N	Library	Classroom	20000302
	L219	LaserJet 4240N	Library	Classroom	20061108
	U079	LaserJet 4000N	Business, Math, Science	Lab	19990201
	U085	LaserJet 1300N	Business, Math, Science	Lab	20040514
	U089	LaserJet 4300DTN	Business, Math, Science	Lab	20030801
	U089	LaserJet III	Business, Math, Science	Lab	19911201
	U089	LaserJet IIID	Business, Math, Science	Lab	19920301



<b>Function</b>	<b>Room Nbr</b>	<b>Model Nbr</b>	<b>Division</b>	<b>Room Type</b>	<b>Install Date:</b>
	U090	LaserJet 4500N - Color	Arts, Humanities, SS	Lab	19990610
	U101	LaserJet 5000N	Career Education	Classroom	20010420
	U102	LaserJet 5000N	Business, Math, Science	Classroom	20000701
	U105-04	LaserJet 5 SIMX	Arts, Humanities, SS	Lab	19960101
<b>Academic</b>			<b>26</b>		
<i>Administrative</i>					
	A201	LaserJet 1320N	Student Services	Office	20050315
	A201-1	Work Centre Pro 35	General	Office	20040730
	A206	LaserJet 1320N	Student Services	Office	20061214
	A211	Work Centere M15i	College Advancement	Office	20020328
	D104-N7	LaserJet 3550N - Colo	Counseling	Office	20050420
	D104S	LaserJet 1320N	Student Services	Office	20061214
	D106	Document Centre 432	Counseling	Office	20020402
	D106	LaserJet 5 SIMX	Counseling	Office	19980401
	D106	LaserJet 8000N	Counseling	Office	19981001
	D116	Docement Centre 432	General	Office	20020328
	D116	LaserJet 4250N	General	Office	20050413
	D128	LaserJet 3600N	Arts, Humanities, SS	Office	20060922
	D128	WorkCenter M20i	Arts, Humanities, SS	Office	20060501
	D203	LaserJet 1320N	Arts, Humanities, SS	Offices	20050906
	D209	LaserJet 8000N	Arts, Humanities, SS	Office	20000428
	E101-4	Document Centre 470	Student Services	Office	20020328
	E104	Work Centere M15i	Student Services	Office	20040803
	E105	LaserJet 4240N	Student Services	Office	20060610
	E105	LaserJet 5000N	Student Services	Office	20010625



<b>Function</b>	<b>Room Nbr</b>	<b>Model Nbr</b>	<b>Division</b>	<b>Room Type</b>	<b>Install Date:</b>
	E105	Work Centre Pro 35	Student Services	Office	20050531
	E108	LaserJet 2200DTN	Student Services	Office	20010528
	E108	WorkCenter M20I	Student Services	Office	20050303
	E302	LaserJet 4250N	Student Services	Office	20050429
	E311	LaserJet 1150	Arts, Humanities, SS	Office	20050307
	E312	LaserJet 1150	Arts, Humanities, SS	Office	20050307
	E313	LaserJet 1150	Arts, Humanities, SS	Office	20050307
	E314	LaserJet 1150	Arts, Humanities, SS	Office	20050307
	E315	LaserJet 1150	Arts, Humanities, SS	Office	20050307
	E316	LaserJet 1150	Arts, Humanities, SS	Office	20050307
	L101	LaserJet 4240N	Library	Office	20061108
	L105	LaserJet 4240N	Library	Office	20061108
	L109	LaserJet 2430DTN	ITS	Office	20061101
	L115	LaserJet 4N	Library	FDC	19990325
	L117	Phaser 8500N - Color	Library	Office	20060601
	L120	LaserJet 4250N	Library	Office	20060601
	L120	LaserJet 4250N	Library	Office	20060601
	L120	OfficeJet 7310	Library	Office	20060918
	LRC	OfficeJet 7310	Library	Office	20060519
	SPARE	LaserJet 4500N - Color	Library-was	Office	20000301
	U082	LaserJet 4000N	Business, Math, Science	Office	19981101
	U083	Document Centre 432	Career Education	Office	20020328
	U083	LaserJet 4600DN - Col	Career Education	Office	20030819
	U083	LaserJet 5000N	Career Education	Office	20010625



<b>Function</b>	<b>Room Nbr</b>	<b>Model Nbr</b>	<b>Division</b>	<b>Room Type</b>	<b>Install Date:</b>
	U084	Document Centre 432	Business, Math, Science	Office	20020328
	U084	LaserJet 2100M	Business, Math, Science	Office	20000421
	U098	LaserJet 1320N	Student Services	Office	20050315
	U201	LaserJet 4100N	Business, Math, Science	Office	20010507
	U201	OfficeJet 7310	Business, Math, Science	Office	20060519
		<b>Administrative</b>			<b>48</b>
		<b>Total</b>			<b>74</b>



## 6. NETWORK PRINTERS (by purchase date/function)

<i>Function</i>	<i>Purchase Date</i>	<i>Room Nbr</i>	<i>Model Nbr</i>	<i>Division</i>	<i>Room Type</i>
<i>Academic</i>					
	19911201	U089	LaserJet III	Business, Math, Science	Lab
	19920301	U089	LaserJet IIID	Business, Math, Science	Lab
	19960101	B208	LaserJet 5 SIMX	Business, Math, Science	Classroom
	19960101	U105-0	LaserJet 5 SIMX	Arts, Humanities, SS	Lab
	19970501	B104	LaserJet 5 SIMX	Business, Math, Science	Classroom
	19980301	D106	LaserJet 5 SIMX	Counseling	Classroom
	19980401	B207	LaserJet 5 SIMX	Arts, Humanities, SS	Classroom
	19990201	U079	LaserJet 4000N	Business, Math, Science	Lab
	19990610	U090	LaserJet 4500N - Colo	Arts, Humanities, SS	Lab
	19990801	D205	LaserJet 8100DN	Arts, Humanities, SS	Classroom
	20000302	L217	LaserJet 5000N	Library	Classroom
	20000701	U102	LaserJet 5000N	Business, Math, Science	Classroom
	20010420	U101	LaserJet 5000N	Career Education	Classroom
	20010612	D209	LaserJet 4100TN	Arts, Humanities, SS	Both
	20030507	B106	LaserJet 4200N	Business, Math, Science	Classroom
	20030801	U089	LaserJet 4300DTN	Business, Math, Science	Lab
	20040514	U085	LaserJet 1300N	Business, Math, Science	Lab
	20040801	D129	LaserJet 1300N	Arts, Humanities, SS	Lab
	20050117	E307	LaserJet 4200N	Arts, Humanities, SS	Both
	20050928	E304	LaserJet 1320N	Arts, Humanities, SS	Classroom
	20060519	L102	Phaser 6300DN - Colo	Library	Lab
	20060519	L201	Phaser 6300DN - Colo	Library	Lab
	20060601	L102	LaserJet 4250	Library	Lab
	20060601	L201	LaserJet 4250N	Library	Lab
	20061108	L102	LaserJet 4240N	Library	Lab
	20061108	L219	LaserJet 4240N	Library	Classroom
<b>Academic</b>			<b>26</b>		
<i>Administrative</i>					
	19980401	D106	LaserJet 5 SIMX	Counseling	Office
	19981001	D106	LaserJet 8000N	Counseling	Office
	19981101	U082	LaserJet 4000N	Business, Math, Science	Office
	19990325	L115	LaserJet 4N	Library	FDC

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<i>Function</i>	<i>Purchase Date</i>	<i>Room Nbr</i>	<i>Model Nbr</i>	<i>Division</i>	<i>Room Type</i>
	20000301	SPARE	LaserJet 4500N - Colo	Library-was	Office
	20000421	U084	LaserJet 2100M	Business, Math, Science	Office
	20000428	D209	LaserJet 8000N	Arts, Humanities, SS	Office
	20010507	U201	LaserJet 4100N	Business, Math, Science	Office
	20010528	E108	LaserJet 2200DTN	Student Services	Office
	20010625	E105	LaserJet 5000N	Student Services	Office
	20010625	U083	LaserJet 5000N	Career Education	Office
	20020328	A211	Work Centere M15i	College Advancement	Office
	20020328	D116	Docement Centre 432	General	Office
	20020328	E101-4	Document Centre 470	Student Services	Office
	20020328	U083	Document Centre 432	Career Education	Office
	20020328	U084	Document Centre 432	Business, Math, Science	Office
	20020402	D106	Document Centre 432	Counseling	Office
	20030819	U083	LaserJet 4600DN - Co	Career Education	Office
	20040730	A201-1	Work Centre Pro 35	General	Office
	20040803	E104	Work Centere M15i	Student Services	Office
	20050303	E108	WorkCenter M20I	Student Services	Office
	20050307	E311	LaserJet 1150	Arts, Humanities, SS	Office
	20050307	E312	LaserJet 1150	Arts, Humanities, SS	Office
	20050307	E313	LaserJet 1150	Arts, Humanities, SS	Office
	20050307	E314	LaserJet 1150	Arts, Humanities, SS	Office
	20050307	E315	LaserJet 1150	Arts, Humanities, SS	Office
	20050307	E316	LaserJet 1150	Arts, Humanities, SS	Office
	20050315	A201	LaserJet 1320N	Student Services	Office
	20050315	U098	LaserJet 1320N	Student Services	Office
	20050413	D116	LaserJet 4250N	General	Office
	20050420	D104-N	LaserJet 3550N - Col	Counseling	Office
	20050429	E302	LaserJet 4250N	Student Services	Office
	20050531	E105	Work Centre Pro 35	Student Services	Office
	20050906	D203	LaserJet 1320N	Arts, Humanities, SS	Offices
	20060501	D128	WorkCenter M20I	Arts, Humanities, SS	Office
	20060519	LRC	OfficeJet 7310	Library	Office
	20060519	U201	OfficeJet 7310	Business, Math, Science	Office
	20060601	L117	Phaser 8500N - Color	Library	Office
	20060601	L120	LaserJet 4250N	Library	Office
	20060601	L120	LaserJet 4250N	Library	Office

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<i>Function</i>	<i>Purchase Date</i>	<i>Room Nbr</i>	<i>Model Nbr</i>	<i>Division</i>	<i>Room Type</i>
	20060610	E105	LaserJet 4240N	Student Services	Office
	20060918	L120	OfficeJet 7310	Library	Office
	20060922	D128	LaserJet 3600N	Arts, Humanities, SS	Office
	20061101	L109	LaserJet 2430DTN	ITS	Office
	20061108	L101	LaserJet 4240N	Library	Office
	20061108	L105	LaserJet 4240N	Library	Office
	20061214	A206	LaserJet 1320N	Student Services	Office
	20061214	D104S	LaserJet 1320N	Student Services	Office
	<b>Administrative</b>			<b>48</b>	
	<b>Total</b>			<b>74</b>	



## 7. SOFTWARE TITLES (by room number/department)

<b>Room</b>	<b>Department</b>	<b>Title</b>
A103	Languages	Tesoros
A108	Administrive Services	Studio Plus
A205	Library Science	Microsoft Office 2003 (Word,Excel,Access,Ppt,Pub) Microsoft Windows XP
B102	Earth & Space Sciences	Studio 8
B103	Business	Microsoft Office XP Microsoft Windows XP Quicktime Player
B104	Business	Microsoft FrontPage 2003 Microsoft Office 2003 (Word,Excel,Access,Ppt,Pub) Microsoft Windows XP Quicktime Player
B106	Business	Adobe Acrobat Reader 7.0 Adobe Photoshop 7.0.1 Adobe Photoshop CS - Windows Keyboarding Pro Macromedia Dreamweaver MX Macromedia Flash MX Microsoft FrontPage 2003 Microsoft Office 2003 (Word,Excel,Access,Ppt,Pub) Microsoft Windows XP QuickBooks Pro 2005 Quicktime Player Studio V8 w/Flash
B207	Humanities	Microsoft Office 2003 (Word,Excel,Access,Ppt,Pub)

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<b>Room</b>	<b>Department</b>	<b>Title</b>
B208	Business	Microsoft Windows XP
		Quicktime Player
		SimCity 2000
		Adobe Photoshop 6.0
		Java2 Develop Kit 1.3.1
		Microsoft Office 2003 (Word,Excel,Access,Ppt,Pub)
		Microsoft Visual Studio .NET 2003
		Microsoft Windows XP
		Quicktime Player
		WS_FTP LE
D106	Counseling	Euricka 2004-2005
		Microsoft Office XP
		Microsoft Windows XP
D205	Humanities	Logic Coach III Plus
		Logic Coach IV
		Microsoft Office 2003 (Word,Excel,Access,Ppt,Pub)
		SPSS 10
D208	Academic Success Center	Longman English 1
		Longman English 2
		Longman English 3
		Longman English 4
		Longman English Grammar
		Microsoft Office 2003 (Word,Excel,Access,Ppt,Pub)
		Microsoft Windows XP
		Accelerated English
D209	Academic Success Center	All The Right Type
		American Speech
		Inspiration 6
		Live Action English
		Longman English 1
		Longman English 2



<b>Room</b>	<b>Department</b>	<b>Title</b>
		Longman English 3
		Longman English 4
		Longman English Grammar
		Microsoft Encarta 2000
		Microsoft FrontPage 2003
		Microsoft Office 2003 (Word,Excel,Access,Ppt,Pub)
		Microsoft Windows XP
		Newbury House Dictionary
		Oxford Picture Dictionary
		PLATO Pathways
		Pronunciation Power 1
		Pronunciation Power 2
		Pure Voice
		SlangMan Street Speak
		TriplePlay Plus English
		Typing Tutor 7
		WaterMath
		Weaver : Reading
		Weaver : Speed Reading
E105	EOPS	
		Adobe Acrobat Professional 7.0 for Windows
E304	Humanities	
		Adobe Acrobat Reader 7.0
		Microsoft Office 2003 (Word,Excel,Access,Ppt,Pub)
		Microsoft Windows XP
		MyEconLab player plugin
		Quicktime Player
E307	Languages	
		Así Es
		Microsoft Windows XP
		Pure Voice
		Tesoros
		Vis-à-vis
		Vision for Windows
L115	Life Science	
		Creative Suite CS2

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<b>Room</b>	<b>Department</b>	<b>Title</b>
L202	Library Science	Studio w/Flash V 8 for Library
		Captivate Robodemo Windows
		Creative Suite CS2
T102	Health Center	Studio w/Flash V 8 for Library
		Med Pro
U078	Math	Quicktime Player
U089	Business	Adobe Acrobat Reader 6.0
		Adobe Photoshop 7.0.1
		ArcGIS 9
		DA Plus
		FoodPro
		Geometer's Sketchpad Version 4.0!
		InterAct Math (Basic College Mathematics 6th Ed)
		Keyboarding Pro
		Logic Coach III Plus
		Logic Coach IV
		Macromedia Dreamweaver MX
		Macromedia Flash MX
		Maple V Release 5
		MathCue (Algebra 6th Ed)
		Microsoft Office 2003 (Word,Excel,Access,Ppt,Pub)
		Microsoft Visual Studio .NET 2003
		Microsoft Visual Studio 6.0
		Microsoft Windows XP
		Mozilla v1.6
		Mozilla v1.6
		NuCalc 2.0
		QuickBooks Pro 2004
		Quicktime Player
StatDisk v9.1		
Topomaps		
U090	Art	

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Room	Department	Title		
U099	Life Science	Adobe Creative Suite for MAC		
		Quark Express 6.0		
		Studio V8 w/Flash		
		Topomaps		
		Virtual PC MAC 7.0 (Classroom)		
U100	Administrive Services	Microsoft Office XP		
		Microsoft Windows XP		
U101	OCC Tech	M Pluse		
		ArcGIS 9		
		Autodesk Design Institute 7 Class Pack		
		Bently Civil		
		Bently Microstation 8.0		
		Bently Sites		
		Microsoft FrontPage 2003		
		Microsoft Project Pro 2002		
		Microsoft Windows XP		
		Quicktime Player		
		Trimble Geomatic Office		
		U102	Math	Geometer's Sketchpad Version 4.0!
				InterAct Math (Basic College Mathematics 6th Ed)
				Maple 10
Maple V Release 5				
MathCue (Algebra 6th Ed)				
Microsoft Office XP				
Microsoft Windows 2000				
MINITAB Release 14				
NuCalc 2.0				
Quicktime Player				
StatDisk v9.1				
TI-GRAPH LINK 83 Plus				
TI-GRAPH LINK 86 Plus				
U102-Laptops	Math			



Room	Department	Title
		Maple 10
		MINITAB Release 14



## **8. SOFTWARE TITLES (by alpha order)**

<i>Title</i>	<i>Room</i>	<i>Department</i>
<i>Accelerated English</i>	D209	Academic Success Center
<i>Adobe Acrobat Professional 7.0 for Windows</i>	E105	EOPS
<i>Adobe Acrobat Reader 6.0</i>	U089	Business
<i>Adobe Acrobat Reader 7.0</i>	B106	Business
	E304	Humanities
<i>Adobe Creative Suite for MAC</i>	U090	Art
<i>Adobe Photoshop 6.0</i>	B208	Business
<i>Adobe Photoshop 7.0.1</i>	B106	Business
	U089	Business
<i>Adobe Photoshop CS - Windows</i>	B106	Business
<i>All The Right Type</i>	D209	Academic Success Center
<i>American Speech</i>	D209	Academic Success Center
<i>ArcGIS 9</i>	U089	Business
	U101	OCC Tech
<i>Así Es</i>	E307	Languages
<i>Autodesk Design Institute 7 Class Pack</i>	U101	OCC Tech
<i>Bentley Civil</i>	U101	OCC Tech

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<i>Title</i>	<i>Room</i>	<i>Department</i>
<i>Bently Microstation 8.0</i>		
	U101	OCC Tech
<i>Bently Sites</i>		
	U101	OCC Tech
<i>Captivate Robodemo Windows</i>		
	L202	Library Science
<i>Creative Suite CS2</i>		
	L115	Life Science
	L202	Library Science
<i>DA Plus</i>		
	U089	Business
<i>Euricka 2004-2005</i>		
	D106	Counseling
<i>FoodPro</i>		
	U089	Business
<i>Geometer's Sketchpad Version 4.0!</i>		
	U089	Business
	U102	Math
<i>Inspiration 6</i>		
	D209	Academic Success Center
<i>InterAct Math (Basic College Mathematics 6th Ed)</i>		
	U089	Business
	U102	Math
<i>Java2 Develop Kit 1.3.1</i>		
	B208	Business
<i>Keyboarding Pro</i>		
	B106	Business
	U089	Business
<i>Live Action English</i>		
	D209	Academic Success Center
<i>Logic Coach III Plus</i>		
	D205	Humanities
	U089	Business

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<i>Title</i>	<i>Room</i>	<i>Department</i>
<i>Logic Coach IV</i>	D205	Humanities
	U089	Business
<i>Longman English 1</i>	D208	Academic Success Center
	D209	Academic Success Center
<i>Longman English 2</i>	D208	Academic Success Center
	D209	Academic Success Center
<i>Longman English 3</i>	D208	Academic Success Center
	D209	Academic Success Center
<i>Longman English 4</i>	D208	Academic Success Center
	D209	Academic Success Center
<i>Longman English Grammar</i>	D208	Academic Success Center
	D209	Academic Success Center
<i>M Pluse</i>	U100	Administrive Services
<i>Macromedia Dreamweaver MX</i>	B106	Business
	U089	Business
<i>Macromedia Flash MX</i>	B106	Business
	U089	Business
<i>Maple 10</i>	U102	Math
	U102-Laptops	Math
<i>Maple V Release 5</i>	U089	Business
	U102	Math
<i>MathCue (Algebra 6th Ed)</i>	U089	Business

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<i>Title</i>	<i>Room</i>	<i>Department</i>
	U102	Math
<i>Med Pro</i>		
	T102	Health Center
<i>Microsoft Encarta 2000</i>		
	D209	Academic Success Center
<i>Microsoft FrontPage 2003</i>		
	B104	Business
	B106	Business
	D209	Academic Success Center
	U101	OCC Tech
<i>Microsoft Office 2003(Word, Excel, Access, Ppt, Pub)</i>		
	A205	Library Science
	B104	Business
	B106	Business
	B207	Humanities
	B208	Business
	D205	Humanities
	D208	Academic Success Center
	D209	Academic Success Center
	E304	Humanities
	U089	Business
<i>Microsoft Office XP</i>		
	B103	Business
	D106	Counseling
	U099	Life Science
	U102	Math
<i>Microsoft Project Pro 2002</i>		
	U101	OCC Tech
<i>Microsoft Visual Studio .NET 2003</i>		
	B208	Business
	U089	Business
<i>Microsoft Visual Studio 6.0</i>		
	U089	Business
<i>Microsoft Windows 2000</i>		

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<i>Title</i>	<i>Room</i>	<i>Department</i>
	U102	Math
<i>Microsoft Windows XP</i>		
	A205	Library Science
	B103	Business
	B104	Business
	B106	Business
	B207	Humanities
	B208	Business
	D106	Counseling
	D208	Academic Success Center
	D209	Academic Success Center
	E304	Humanities
	E307	Languages
	U089	Business
	U099	Life Science
	U101	OCC Tech
<i>MINITAB Release 14</i>		
	U102	Math
	U102-Laptops	Math
<i>Mozilla v1.6</i>		
	U089	Business
	U089	Business
<i>MyEconLab player plugin</i>		
	E304	Humanities
<i>Newbury House Dictionary</i>		
	D209	Academic Success Center
<i>NuCalc 2.0</i>		
	U089	Business
	U102	Math
<i>Oxford Picture Dictionary</i>		
	D209	Academic Success Center
<i>PLATO Pathways</i>		
	D209	Academic Success Center
<i>Pronunciation Power I</i>		

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<i>Title</i>	<i>Room</i>	<i>Department</i>
	D209	Academic Success Center
<i>Pronunciation Power 2</i>		
	D209	Academic Success Center
<i>Pure Voice</i>		
	D209	Academic Success Center
	E307	Languages
<i>Quark Express 6.0</i>		
	U090	Art
<i>QuickBooks Pro 2004</i>		
	U089	Business
<i>QuickBooks Pro 2005</i>		
	B106	Business
<i>Quicktime Player</i>		
	B103	Business
	B104	Business
	B106	Business
	B207	Humanities
	B208	Business
	E304	Humanities
	U078	Math
	U089	Business
	U101	OCC Tech
	U102	Math
<i>SimCity 2000</i>		
	B207	Humanities
<i>SlangMan Street Speak</i>		
	D209	Academic Success Center
<i>SPSS 10</i>		
	D205	Humanities
<i>StatDisk v9.1</i>		
	U089	Business
	U102	Math
<i>Studio 8</i>		
	B102	Earth & Space Sciences

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<i>Title</i>	<i>Room</i>	<i>Department</i>
<i>Studio Plus</i>	A108	Administrive Services
<i>Studio V8 w/Flash</i>	B106	Business
	U090	Art
<i>Studio w/Flash V 8 for Library</i>	L115	Life Science
	L202	Library Science
<i>Tesoros</i>	A103	Languages
	E307	Languages
<i>TI-GRAPH LINK 83 Plus</i>	U102	Math
<i>TI-GRAPH LINK 86 Plus</i>	U102	Math
<i>Topomaps</i>	U089	Business
	U090	Art
<i>Trimble Geomatic Office</i>	U101	OCC Tech
<i>TriplePlay Plus English</i>	D209	Academic Success Center
<i>Typing Tutor 7</i>	D209	Academic Success Center
<i>Virtual PC MAC 7.0 (Classroom)</i>	U090	Art
<i>Vis-à-vis</i>	E307	Languages
<i>Vision for Windows</i>	E307	Languages
<i>WaterMath</i>	D209	Academic Success Center
<i>Weaver : Reading</i>		

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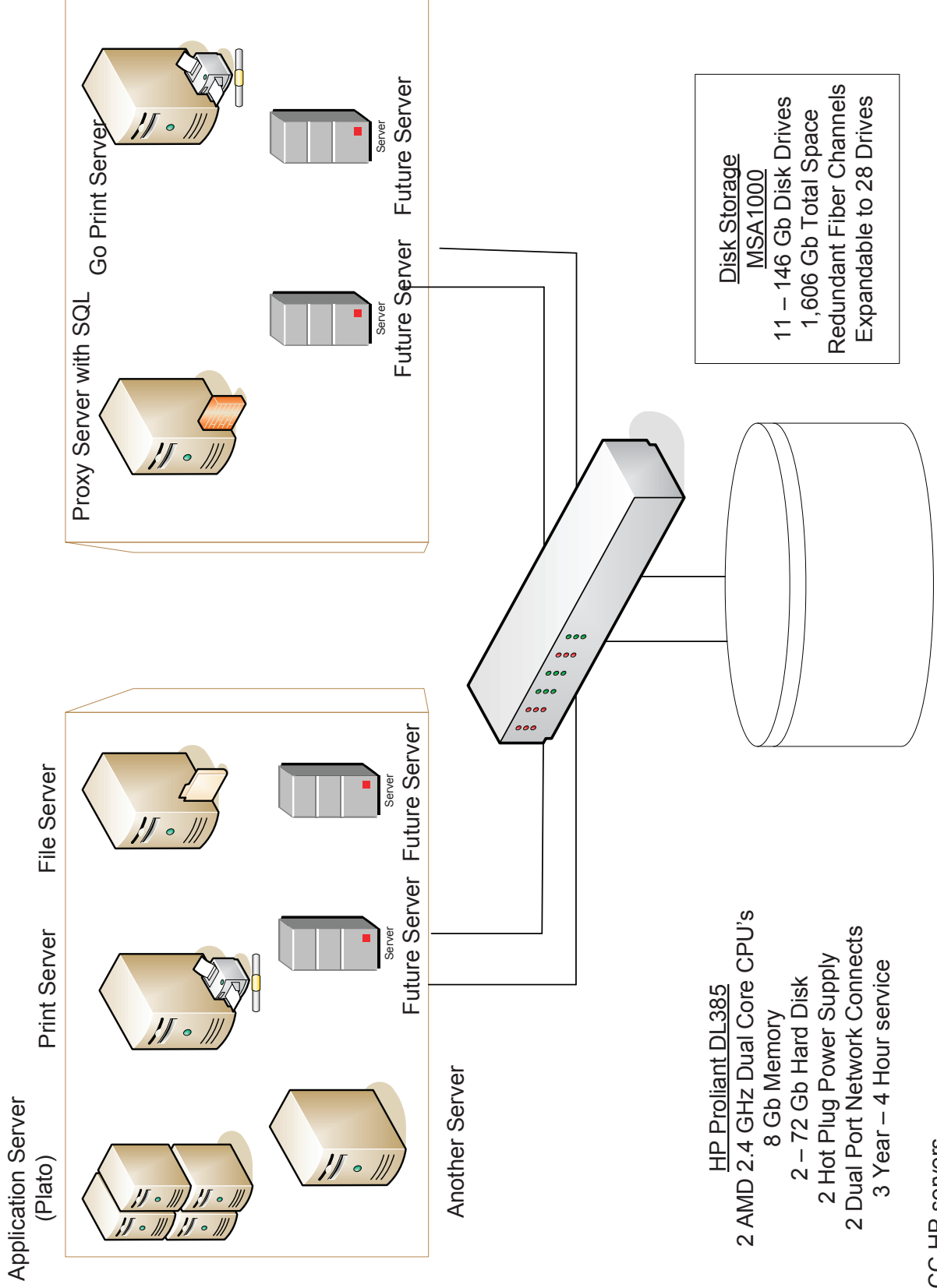
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<i>Title</i>	<i>Room</i>	<i>Department</i>
	D209	Academic Success Center
<i>Weaver : Speed Reading</i>		
	D209	Academic Success Center
<i>WS_FTP LE</i>		
	B208	Business
<b>Total</b>		<b>152</b>



## 9. HP SERVERS





## 10. SCC SERVERS

<b>VM Servers</b>			
<b>Item</b>	<b>Host</b>	<b>OS</b>	<b>Function</b>
1	SCCPROXY	Windows Server 2003 R2	SQL Server
2	SCCPXE	Ubuntu Linux Server 6.10	PXE Boot Server
2	SCCAV	Windows Server 2003 R2	Antivirus Server
3	SCCDSPS	Windows XP Pro	DSPS License Server
4	SCCGOPRINT	Windows Server 2003 R2	Pay per print server
5	SCCITS	Windows Server 2003 R2	File and Print Server
6	SCCLIC	Windows Server 2003 R2	License Server
7	SCCMASH	Windows XP Pro	MASH License Server
8	SCCPXE	Linux - Gentoo	PXE Boot Server
9	SCCSQL1	Windows Server 2003 R2	SQL Server
10	SCCWEB	Windows Server 2000	Web Server
<b>Physical Servers</b>			
<b>Item</b>	<b>Host</b>	<b>OS</b>	<b>Function</b>
1	SCCAPPS	Windows Server 2003	Applications Server
1	SCCTDS	Windows Server 2000	File, Print, Ghost
2	SCCMAC	MAC OS X Server	File, Print, Netboot,...



## 11. NETWORK PORTS (by building)

Location	Extended Nbr of Ports	N Side	I Side	Access Point
Bldg A	264	188	37	1
Bldg B	144	38	80	2
Bldg C	24	0	0	0
Bldg D	336	163	168	5
Bldg E	240	109	128	3
Bldg L	432	229	199	4
Bldg T				
Bldg U	552	149	395	8
<b>Grand Total</b>	<b>1,992</b>	<b>876</b>	<b>1,007</b>	<b>23</b>
<b>OEC</b>	1,018			



## 12. PROJECTORS (by purchase date)

<i>Purchase Date</i>	<i>Room Nbr</i>	<i>Brand</i>	<i>Model Nbr</i>	<i>Cost</i>
19880101	Mobile4	Sony	VPH-1040Q	\$4,801.00
19980301	B208	Sharp	XG-NV3XB	\$4,809.00
19980601	Mobile3	Sharp	XG-NV2U	\$4,809.00
19980601	U092 - Mobile	Sharp	XG-NV2U	\$4,809.00
19980601	Mobile5	Sharp	XG-NV2U	\$4,809.00
19980601	Mobile6	Sharp	XG-NV2U	\$4,809.00
19990806	B106	Sharp	NV3XBU	\$5,268.98
19990806	Mobile1	Sharp	XG-NV3XB	\$5,268.98
19990806	B207	Sharp	XG-NV3XB	\$5,268.98
19991991	B103	Sharp	PG-D210U	\$5,936.11
19999806	B104	Sharp	XG-NV3XB	\$5,268.98
20010307	U101	Sharp	PG-C30XU	\$4,831.05
20010604	U090	Sharp	PG-C20XU	\$4,300.00
20010606	D209	Sharp	XGA-1700	\$10,469.64
20010611	D209-04	Sharp	PG-C30XU	\$4,998.74
20010618	D101	Sharp	XG-NV6XU	\$7,089.63
20011221	A103	Sharp	PG-C30XU	\$9,948.45
20020408	D206	Sharp	PG-C30XU	\$5,010.37
20020422	Mobile2	Sony	VPL-CS4	\$1,700.03
20020508	D217	Sharp	PG-C30XU	\$3,528.81
20020508	U099	Sharp	PG-C30XU	\$3,528.81
20020515	D207	Sharp	PG-C30XU	\$3,556.31
20020515	D205	Sharp	PG-C30XU	\$3,556.31
20020521	U098	Sharp	PG-C30XU	\$3,388.74
20020521	U202	Sharp	PG-C30XU	\$3,388.74
20020531	D222	Sharp	PG-C30XU	\$3,230.35
20020531	U102	Sharp	PG-C30XU	\$3,230.35
20020606	D208	Sharp	PG-C30XU	\$3,676.44
20030310	D106	Sharp	PG-C45X	\$4,008.29
20030617	U085	Sharp	PG-C45X	\$3,043.94
20030617	U087	Sharp	PG-C30XU	\$3,043.94

*Wednesday, August 29, 2007*

*SCC Media Tech Plan*



<i>Purchase Date</i>	<i>Room Nbr</i>	<i>Brand</i>	<i>Model Nbr</i>	<i>Cost</i>
20030801	U078	Sharp	PG-C30XU	\$3,043.94
20050113	E107	Sharp	PGM60X	\$2,682.98
20050113	E203	Sharp	PGM60X	\$2,682.98
20050113	E204	Sharp	PGM60X	\$2,682.98
20050113	E304	Sharp	PGM60X	\$2,682.98
20050113	E306	Sharp	PGM60X	\$2,682.98
20050113	E205	Sharp	PGM60X	\$2,682.98
20050113	E305	Sharp	PGM60X	\$2,682.98
20050119	E308	Sharp	PGC45X	\$2,661.43
20050119	E303	Sharp	PGC45X	\$2,661.43
20050119	E307	Sharp	PGM60X	\$2,661.43
20050119	E206	Sharp	PGC45X	\$2,661.43
20050615	E202	Sharp	PG-A20-X	\$1,883.00
20060401	Mobile8	Hitachi	CPX250	\$964.00
20060526	B203	Sharp	XG-MB55X	\$2,176.00
20060601	D221	Sharp	X6MB55X	\$2,264.91
20060608	D220	Sharp	XGMB55X	\$1,454.63
20060608	D204	Sharp	XGMB55X	\$1,454.63
20060608	A209	Sharp	XGMB55X	\$1,454.63
20060616	Mobile7	Sharp	XGMB55X	\$1,455.00
20060628	LRC Mobile	Hitachi	CPX445	\$2,339.00
20060628	L115	Hitachi	CPX445	\$2,339.00
20060628	L219	Hitachi	CPSX1450	\$5,977.00
20060831	D215	Sharp	XGMB55X	\$1,152.00
<b>Total</b>		<b>55</b>		<b>\$202,771.29</b>

*Wednesday, August 29, 2007*

*SCC Media Tech Plan*



### 13. PROJECTORS (by room number)

<u>Room Nbr</u>	<u>Brand</u>	<u>Model Nbr</u>	<u>Purchase Date</u>
A103	Sharp	PG-C30XU	20011221
A209	Sharp	XGMB55X	20060608
B103	Sharp	PG-D210U	19991991
B104	Sharp	XG-NV3XB	19999806
B106	Sharp	NV3XBU	19990806
B203	Sharp	XG-MB55X	20060526
B207	Sharp	XG-NV3XB	19990806
B208	Sharp	XG-NV3XB	19980301
D101	Sharp	XG-NV6XU	20010618
D106	Sharp	PG-C45X	20030310
D204	Sharp	XGMB55X	20060608
D205	Sharp	PG-C30XU	20020515
D206	Sharp	PG-C30XU	20020408
D207	Sharp	PG-C30XU	20020515
D208	Sharp	PG-C30XU	20020606
D209	Sharp	XGA-1700	20010606
D209-04	Sharp	PG-C30XU	20010611
D215	Sharp	XGMB55X	20060831
D217	Sharp	PG-C30XU	20020508
D220	Sharp	XGMB55X	20060608
D221	Sharp	X6MB55X	20060601
D222	Sharp	PG-C30XU	20020531
E107	Sharp	PGM60X	20050113
E202	Sharp	PG-A20-X	20050615
E203	Sharp	PGM60X	20050113
E204	Sharp	PGM60X	20050113
E205	Sharp	PGM60X	20050113
E206	Sharp	PGC45X	20050119
E303	Sharp	PGC45X	20050119
E304	Sharp	PGM60X	20050113
E305	Sharp	PGM60X	20050113

*Wednesday, August 29, 2007*

*SCC Media Tech Plan*



<i>Room Nbr</i>	<i>Brand</i>	<i>Model Nbr</i>	<i>Purchase Date</i>
E306	Sharp	PGM60X	20050113
E307	Sharp	PGM60X	20050119
E308	Sharp	PGC45X	20050119
L115	Hitachi	CPX445	20060628
L219	Hitachi	CPSX1450	20060628
LRC Mobile	Hitachi	CPX445	20060628
Mobile1	Sharp	XG-NV3XB	19990806
Mobile2	Sony	VPL-CS4	20020422
Mobile3	Sharp	XG-NV2U	19980601
Mobile4	Sony	VPH-1040Q	19880101
Mobile5	Sharp	XG-NV2U	19980601
Mobile6	Sharp	XG-NV2U	19980601
Mobile7	Sharp	XGMB55X	20060616
Mobile8	Hitachi	CPX250	20060401
U078	Sharp	PG-C30XU	20030801
U085	Sharp	PG-C45X	20030617
U087	Sharp	PG-C30XU	20030617
U090	Sharp	PG-C20XU	20010604
U092 - Mobile	Sharp	XG-NV2U	19980601
U098	Sharp	PG-C30XU	20020521
U099	Sharp	PG-C30XU	20020508
U101	Sharp	PG-C30XU	20010307
U102	Sharp	PG-C30XU	20020531
U202	Sharp	PG-C30XU	20020521

**Total** **55**



## 14. AV EQUIPMENT DELIVERED TO CLASSROOMS

Spring 2006

	Classroom	Presentation Systems	VSH/DVD	Audio Systems	Total AV Use
1	B-211	64	4		68
2	B-213	60	35		95
3	U-112	54	7		61
4	B-204	50			50
5	U-98	49	1		50
6	B-209	47	30		77
7	B-212	42	57		99
8	D-204	33			33
9	A-104	28	28		56
10	D-220	28			28
11	U-120	20	3		23
12	D-116-10	17			17
13	D-215	17	2		19
14	B-201	14	7		21
15	D-216	12	12		24
16	U-110	11	3		14
17	B-210	10	14		24
18	E-107	5			5
19	D-121	4	35	6	45
20	D-221	3	3		6
21	A-105	1			1
22	B-207		4		4
23	D-110		1		1
24	D-125		4		4
25	D-206		6		6
26	U-132		4		4
	Total Eq. Use	505	256	6	
				<b>Grand Total Use</b>	<b>835</b>



**15. 10 INCOMPLETE CLASSROOMS (AV EQUIPMENT NEEDED)**

{B-103, 104, 106, 207, 208} {D-206} {U-85, 90, 101, 102}

**VENDER:**

"Troxell" Communications Inc

ITEM	QUANTITY	EQUIPMENT	ITEM #	ESTIMATED	COST
1	10	"Sony" DG-800, Receiver		\$262.00	\$2,620.00
2	10	"Sony" SLV-N900		\$114.00	\$1,140.00
3	10	"Sony" TC-WE475, Cassette Deck		\$129.00	\$1,290.00
4	10	"Elmo" HV110XG, Document Camera		\$539.00	\$5,390.00
					\$10,440.00
					Tax \$809.10
					<b>TOTAL \$11,249.10</b>

**VENDER:**

"Business Machine Security"

ITEM	QUANTITY	EQUIPMENT	ITEM #	ESTIMATED	COST
1	140	"BMS" Flex Pads, Large w/Glue & Screws		\$3.00	\$420.00
2	20	"BMS" Tray Loc, Bolt Down		\$86.00	\$1,720.00
					\$2,140.00
					Tax \$165.85
					<b>TOTAL \$2,305.85</b>

**VENDER:**

"Bose" Corporation

ITEM	QUANTITY	EQUIPMENT	ITEM #	ESTIMATED	COST
1	10	"Bose" VCS-10, Low-Profile Center Channel Speaker		\$159.20	\$1,592.00
2	10	"Bose" 191, In-Wall/In-Ceiling Speakers		\$238.40	\$2,384.00
3	10	"Bose" 191 Drop Ceiling Kit		\$30.40	\$304.00
4		"Shipping & Handling"			\$20.00
					\$4,300.00
					Tax \$333.25
					<b>TOTAL \$4,633.25</b>

**VENDER:**

"Global Presenter .Com"

ITEM	QUANTITY	EQUIPMENT	ITEM #	ESTIMATED	COST
1	10	"Pioneer" DV-490V, DVD Player		\$110.00	\$1,100.00
					\$1,100.00
					Tax \$85.25
					<b>TOTAL \$1,185.25</b>

**VENDER:**

"Radio Shack"

ITEM	QUANTITY	EQUIPMENT	ITEM #	ESTIMATED	COST
1	10	"Radio Shack" 50ft. 75hm RG-6QS Cable	15-1568	\$29.99	\$299.90
2	20	"Radio Shack" "F" to "RCA" Plug Adapter	278-290	\$3.99	\$79.80
					\$379.70
					Tax \$29.43
					<b>TOTAL \$409.13</b>



**15. 10 INCOMPLETE CLASSROOMS (AV EQUIPMENT NEEDED)**

VENDER:  
"ACE" Hardware

ITEM	QUANTITY	EQUIPMENT	ITEM #	ESTIMATED	COST
1	20	Corner Brace, 10" x 1-1/4" (for Central Speaker)		\$6.49	\$129.80
2	10	"Woods" Power Strip	3064755	\$8.49	\$84.90
					\$214.70
				Tax	\$16.64
				<b>TOTAL</b>	<b>\$231.34</b>

VENDER:  
"NOVA" Solutions Inc.

ITEM	QUANTITY	EQUIPMENT	ITEM #	ESTIMATED	COST
1	10	"Nova" Workstation 85-0-SA 1332		\$1,333.70	\$13,337.00
		"Installation"			\$55.00
					\$13,392.00
				Tax	\$1,037.88
				<b>TOTAL</b>	<b>\$14,429.88</b>

"Troxell" Communications Inc	\$11,249.10
"Business Machine Security"	\$2,305.85
"Bose" Corporation	\$4,633.25
"Global Presenter .Com"	\$1,185.25
"Radio Shack"	\$409.13
"ACE" Hardware	\$231.34
"NOVA" Solutions Inc.	\$14,429.88
Grand Total	\$34,443.80

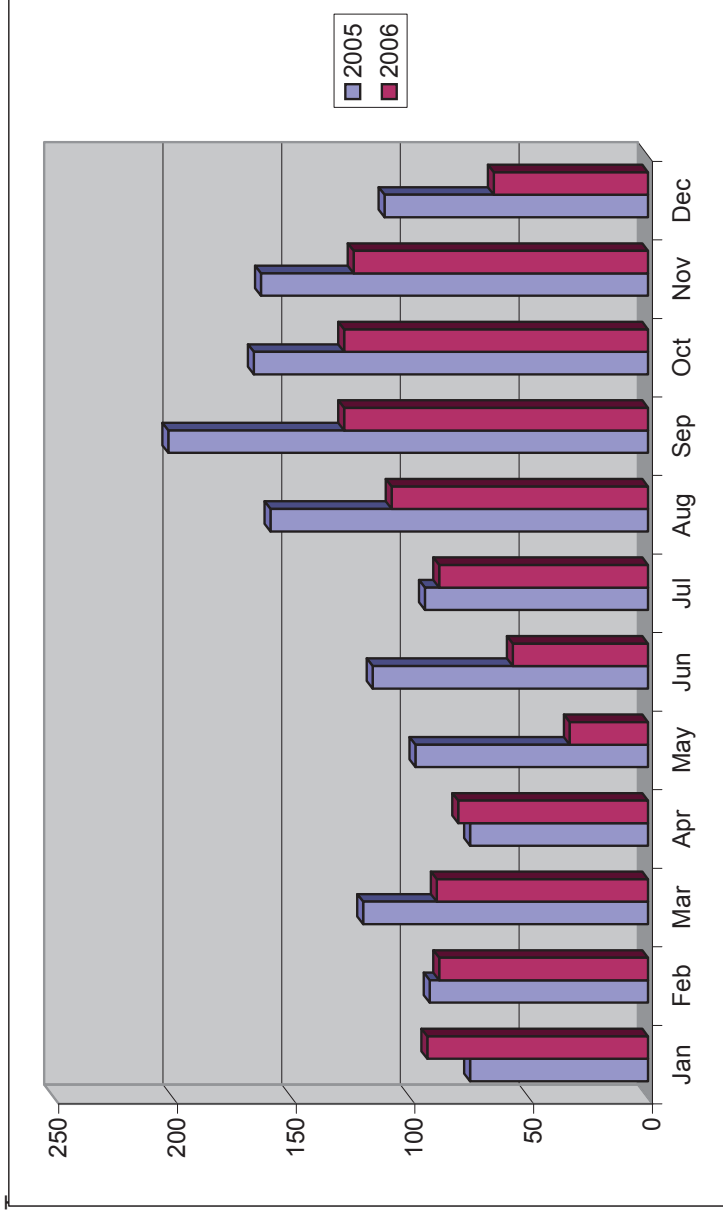


**16. CLASSROOMS with NO MEDIATION**

Buildings ---->	A	B	D	U	Total	Cost of 1	Total Cost
Room Numbers	105	209	109	81			
	106	210	110	86			
	107	211	121	88			
		212	125	92			
				95			
				96			
				97			
				98			
				103			
				104			
				202			
<b>Total</b>	<b>3</b>	<b>4</b>	<b>4</b>	<b>11</b>	<b>22</b>	<b>\$6,560</b>	<b>\$144,320</b>



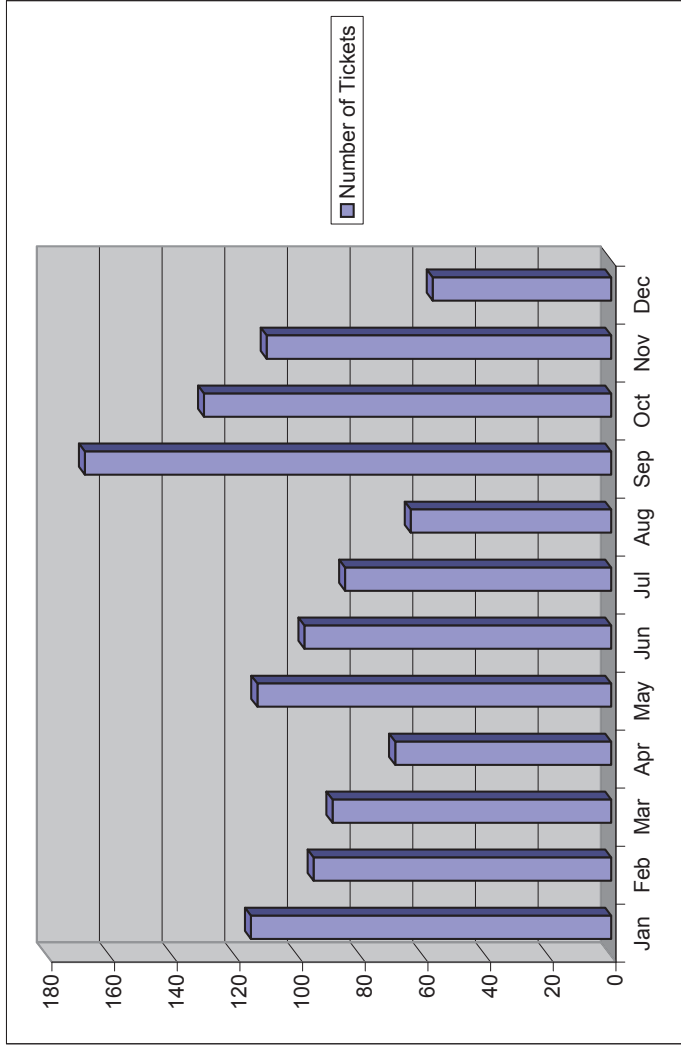
**17. SCC REQUESTS FOR TECHNICAL ASSISTANCE**



Month	2005	2006
Jan	75	93
Feb	92	88
Mar	120	89
Apr	75	80
May	98	33
Jun	116	57
Jul	94	88
Aug	159	108
Sep	202	128
Oct	166	128
Nov	163	124
Dec	111	65



**18. OEC REQUESTS FOR TECHNICAL ASSISTANCE**



2006	Number of Tickets
Jan	115
Feb	95
Mar	89
Apr	69
May	113
Jun	98
Jul	85
Aug	64
Sep	168
Oct	130
Nov	110
Dec	57



## 19. OEC COMPUTERS (by classroom)

Line Nbr	Room Description	Room Numbers	Qty	Purchased
1	Business Skills	159	41	Dec-04
2	Business Skills	161	41	Dec-04
3	Lab - ILC	149	50	Dec-04
4	HSS	162	16	Dec-04
5	ABE	163	14	Dec-04
6	ESL1	125	16	Dec-04
7	ESL2	126	16	Dec-04
8	ESL3	127	16	Dec-04
9	ESL4	128	16	Dec-04
10	ESL5	130	16	Dec-04
11	ESL6	138	16	Spring 2006
12	ESL7	140	16	Spring 2006
13	ESL8	141	1	Dec-04
14	ESL9	146	16	Dec-04
15	ESL10	147	16	Dec-04
16	ESL11	150	16	Dec-04
17	ESL12	151	16	Dec-04
18	ESL13	152	16	Dec-04
19	ESL14	154	16	Dec-04
20	ESL15	155	16	Dec-04
21	ESL16	156	16	Dec-04
22	ESL17	160	16	Dec-04
23	Stu Serv	118	5	Dec-04
24	DSPS	119-1	2	Dec-04
25	Technology	169	2	Spring 2005
26	Laptops	Mobile	8	Spring 2005
27	<b>Total</b>		<b>436</b>	



## 20. OEC COMPUTERS (by location)

Line Nbr	Room Description	Nbr Computers
1	VP	2
2	Dean 1	1
3	Dean 2	1
4	Asoc Registrar	1
5	Sec. 1	1
6	Sec. 2	1
7	Sec. 3	1
8	Sched.	1
9	Coun Recp	2
10	Coun. Office 1	1
11	Coun. Office 2	1
12	Coun. Office 3	1
13	Coun. Staff	2
14	Stu Serv cor	3
15	IE Reg	1
16	Stu Serv 1	1
17	Stu Serv 2	1
18	Stu Serv Greet	1
19	Testing	1
20	Technology	5
21	ITS Work Bench	3
22	HSS	2
23	ABE	2
24	Child Clerk	2
25	Child Dir.	1
26	Child Work Area	1
27	CASAS	2
28	Resource	3
29	Bookstore	2
30	Accounting	1
31	Registration	8
32	Fac Offices	9
33	Fac Hotel	8
34	Payroll 1 + 2	2
35	Janitorial	1
36	Security	1
37	Conf. Room	2
38	<b>Total</b>	<b>79</b>



## 21. OEC ACADEMIC COMPUTERS of OFF-CAMPUS SITES

Location	Nbr Computers	Purchase Year
AHC	44	2007
RIO	6	2000
Mtech	21	2001
Jail Musik A	22	2000
Jail Musik B	20	2003
Jail IRC	19	2004
Jail Men	20	2004
Jail Theo Lacy	31	2000
Jail Women	8	2000
<b>Total</b>	<b>191</b>	



**22. OEC PROJECTORS (by room number)**

<i>Site</i>	<i>Room Nbr</i>	<i>Room Name</i>	<i>Brand</i>	<i>Model Nbr</i>	<i>Purchase Date</i>	<i>Cost</i>
<b><i>AHC</i></b>						
	205	AHC205	Sharp	PG-C30XU	20010706	\$4,966.50
	207	AHC207	Sharp	XG-NV2U	19990715	\$4,212.94
	210	AHC210	Mitsubishi	DX200	20020820	\$6,075.41
<b><i>OEC</i></b>						
	101	Conference 1a	InFocus	LP650	20041201	\$1,721.85
	102	Conference 1b	InFocus	LP650	20041201	\$1,721.85
	105	Conference 1c	InFocus	LP650	20041201	\$1,721.85
	120	Testing	InFocus	LP650	20041201	\$1,721.85
	125	ESL1	InFocus	LP650	20041201	\$1,721.85
	126	ESL2	InFocus	LP650	20041201	\$1,721.85
	127	ESL3	InFocus	LP650	20041201	\$1,721.85
	128	ESL4	InFocus	LP650	20041201	\$1,721.85
	130	ESL5	InFocus	LP650	20041201	\$1,721.85
	138	ESL6	InFocus	LP650	20041201	\$1,721.85
	140	ESL7	InFocus	LP650	20041201	\$1,721.85
	141	ESL8	InFocus	LP650	20041201	\$1,721.85
	146	ESL9	InFocus	LP650	20041201	\$1,721.85
	147	ESL10	InFocus	LP650	20041201	\$1,721.85
	149	ILC	InFocus	LP650	20041201	\$1,721.85
	150	ESL11	InFocus	LP650	20041201	\$1,721.85
	151	ESL12	InFocus	LP650	20041201	\$1,721.85
	152	ESL13	InFocus	LP650	20041201	\$1,721.85
	154	ESL14	InFocus	LP650	20041201	\$1,721.85
	155	ESL15	InFocus	LP650	20041201	\$1,721.85
	156	ESL16	InFocus	LP650	20041201	\$1,721.85
	159	Business Skills	InFocus	LP650	20041201	\$1,721.85
	160	ESL17	InFocus	LP650	20041201	\$1,721.85
	161	Business Skills	InFocus	LP650	20041201	\$1,721.85
	162	HSS	InFocus	LP650	20041201	\$1,721.85
	163	ABE	InFocus	LP650	20041201	\$1,721.85
	Mobile1	Mobile1	InFocus	LP650	20041201	\$1,721.85
<b>Total</b>		<b>30</b>				<b>\$61,744.80</b>



### 23. OEC PROJECTORS (by purchase date)

<i>Purchase Date</i>	<i>Site</i>	<i>Room Nbr</i>	<i>Brand</i>	<i>Model Nbr</i>	<i>Cost</i>
19990715	AHC	207	Sharp	XG-NV2U	\$4,212.94
20010706	AHC	205	Sharp	PG-C30XU	\$4,966.50
20020820	AHC	210	Mitsubishi	DX200	\$6,075.41
20041201	OEC	101	InFocus	LP650	\$1,721.85
20041201	OEC	102	InFocus	LP650	\$1,721.85
20041201	OEC	105	InFocus	LP650	\$1,721.85
20041201	OEC	120	InFocus	LP650	\$1,721.85
20041201	OEC	125	InFocus	LP650	\$1,721.85
20041201	OEC	126	InFocus	LP650	\$1,721.85
20041201	OEC	127	InFocus	LP650	\$1,721.85
20041201	OEC	128	InFocus	LP650	\$1,721.85
20041201	OEC	130	InFocus	LP650	\$1,721.85
20041201	OEC	138	InFocus	LP650	\$1,721.85
20041201	OEC	140	InFocus	LP650	\$1,721.85
20041201	OEC	141	InFocus	LP650	\$1,721.85
20041201	OEC	146	InFocus	LP650	\$1,721.85
20041201	OEC	147	InFocus	LP650	\$1,721.85
20041201	OEC	149	InFocus	LP650	\$1,721.85
20041201	OEC	150	InFocus	LP650	\$1,721.85
20041201	OEC	151	InFocus	LP650	\$1,721.85
20041201	OEC	152	InFocus	LP650	\$1,721.85
20041201	OEC	154	InFocus	LP650	\$1,721.85
20041201	OEC	155	InFocus	LP650	\$1,721.85
20041201	OEC	156	InFocus	LP650	\$1,721.85
20041201	OEC	159	InFocus	LP650	\$1,721.85
20041201	OEC	160	InFocus	LP650	\$1,721.85
20041201	OEC	161	InFocus	LP650	\$1,721.85
20041201	OEC	162	InFocus	LP650	\$1,721.85
20041201	OEC	163	InFocus	LP650	\$1,721.85
20041201	OEC	Mobile1	InFocus	LP650	\$1,721.85
<b>Total</b>		<b>30</b>			<b>\$61,744.80</b>



**24. OEC NETWORK PRINTERS (by purchase date/function)**

<i>Function</i>	<i>Purchase Date</i>	<i>Room Nbr</i>	<i>Site</i>	<i>Model Nbr</i>	<i>Room Type</i>
<i>Academic</i>					
	20000401	205	AHC	LJ5000n	Classroom
	20030601	Jail 1	Jail	LJ4300n	Classroom
	20030601	Jail 2	Jail	LJ4300n	Classroom
	20030601	Jail 3	Jail	LJ4300n	Classroom
	20030601	Jail 4a	Jail	LJ4300n	Classroom
	20030601	Jail 4b	Jail	LJ4300n	Classroom
	20050101	138	OEC	BIJ2300n	ESL6
	20050101	150	OEC	BIJ2300n	ESL11
	20050101	154	OEC	BIJ2300n	ESL14
	20050101	205	AHC	BIJ2300n	Classroom
	20050101	Jail 3	Jail	BIJ2300n	Classroom
	20050101	RIO	RIO	BIJ2300n	Classroom
<b>Academic</b>				<b>12</b>	
<i>Administrative</i>					
	20050101	109	OEC	BIJ1200	Sched.
	20050101	112	OEC	BIJ1200	Fac Offices3
	20050101	114	OEC	BIJ1200	Fac Offices4
	20050101	117-4	OEC	BIJ1200	Coun. Office 2
	20050101	121	OEC	LJ4350n	Registration
	20050101	121	OEC	LJ4350n	Registration
	20050101	162	OEC	BIJ1200	HSS
	20050101	162	OEC	BIJ1200	HSS
	20050101	169	OEC	LJ4350n	Technology
<b>Administrative</b>				<b>9</b>	
<b>Total</b>				<b>21</b>	



## 25. OEC KEYSERVER SOFTWARE PROGRAMS

Licenses				3/15/2007
In Use	Waiting	Count	Name	Notes
5		-	Advanced Audio and Video	Ripping and encoding audio and video. GPL and/or Dell Site license
		-	Bad Software	
		-	DVD + CD Burning	Dell unlimited license for Dell computers
1		-	DVD Players	Dell unlimited license for Dell Computers or GPL
			Microsoft Anti-Spyware License	
1		-	Windows Games	Unlimited Site License (District)
		1	Beginning Sounds License	1 license, box at OEC (OEC Childcare)
		1	C.G. ABC License	1 License, box at OEC (OEC Childcare)
		1	C.G. Learning Games License	1 license, box at OEC (OEC Childcare)
		1	C.G. Learning Phonix License	1 license, box at OEC (OEC Childcare)
		1	JumpStart Preschool License	1 license, box at OEC (O#EC Childcare)
		1	Letter Factory License	1 license, box at OEC (OEC Childcare)
		1	Magic 3D Coloring Book License	1 license, box at OEC (OEC Childcare)
		1	Same Or Different License	1 license, box at OEC (OEC Childcare)
		1	Shapes License	1 license, box at OEC (OEC Childcare)
		10	A Day in the Life License	Total: 10 <input type="checkbox"/>
				<input type="checkbox"/>
				+7 CD @ OEC (OEC ESL) <input type="checkbox"/>
				<input type="checkbox"/>
				+3 CD @ SCC, transfered to OEC (OEC ESL)
		6	Acelerated English License	6 From CD @ OEC
		1	Adam Story License	
		30	Adobe Acrobat 5 License	Total: 30 <input type="checkbox"/>
				<input type="checkbox"/>
				+30 Version 5 (Connie Wilson, OEC BSD) <input type="checkbox"/>
				<input type="checkbox"/>
				Total: 55 <input type="checkbox"/>
1		55	Adobe Acrobat 7 License	<input type="checkbox"/>
				+20 CS2 Suite (Connie Wilson, OEC BSD) <input type="checkbox"/>
				<input type="checkbox"/>
				+25 CS2 Suite (Connie Wilson, OEC BSD)
		55	Adobe Bridge CS2 License	Total: 55 <input type="checkbox"/>
				<input type="checkbox"/>
				+20 CS2 Suite (Connie Wilson, OEC BSD) <input type="checkbox"/>
				<input type="checkbox"/>
				+25 CS2 Suite (Connie Wilson, OEC BSD) <input type="checkbox"/>
				<input type="checkbox"/>
				Total: 55 <input type="checkbox"/>
				<input type="checkbox"/>
				+20 CS2 Suite (Connie Wilson, OEC BSD) <input type="checkbox"/>
				<input type="checkbox"/>
				+25 CS2 Suite (Connie Wilson, OEC BSD)
		44	Adobe Illustrator 10 License	Total: 44 <input type="checkbox"/>
				<input type="checkbox"/>
				+44 Version 10 (Connie Wilson, OEC BSD)
		55	Adobe Illustrator CS2 License	Total: 55 <input type="checkbox"/>
				<input type="checkbox"/>
				+20 CS2 Suite (Connie Wilson, OEC BSD) <input type="checkbox"/>
				<input type="checkbox"/>
				+25 CS2 Suite (Connie Wilson, OEC BSD)
		55	Adobe InDesign CS2 License	Total: 55 <input type="checkbox"/>
1				<input type="checkbox"/>
				+20 CS2 Suite (Connie Wilson, OEC BSD) <input type="checkbox"/>
				<input type="checkbox"/>
				+25 CS2 Suite (Connie Wilson, OEC BSD)
		44	Adobe PageMaker 7 License	Total: 44 <input type="checkbox"/>
				<input type="checkbox"/>
				+44 Version 7 (Connie Wilson, OEC BSD)
			Adobe Photoshop 7 License	Total: 0 <input type="checkbox"/>
				<input type="checkbox"/>
				Moved to CS1 pre-Keyserver



In Use	Waiting	Count	Name	Notes
		24	Adobe Photoshop CS License	Total: 24 <input type="checkbox"/> 54 Version CS1 (Connie Wilson, OEC BSD) <input type="checkbox"/> +20 Version CS2, using as version CS1, 3/15/05 (Connie Wilson, OEC BSD) <input type="checkbox"/> -30 Upgraded to CS2 (Connie Wilson, OEC BSD) <input type="checkbox"/> -20 CS2 moved to correct CS2 license (Connie Wilson, OEC BSD)
1		85	Adobe Photoshop CS2 License	Total: 85 <input type="checkbox"/> +30 Upgraded from CS1 (Connie Wilson, OEC BSD) <input type="checkbox"/> +20 CS2 Suite (Connie Wilson, OEC BSD) <input type="checkbox"/> +25 CS2 Suite (Connie Wilson, OEC BSD) <input type="checkbox"/>
		43	Adobe Premiere Pro 1.5 License	Total: 43 <input type="checkbox"/> +43 Version 6 (Connie Wilson, OEC BSD) <input type="checkbox"/> =43 Converted to Pro 1.5, +1 extra unused upgrade (Connie Wilson, OEC BSD)
		-	All The Right Type License	Unlimited Site License (OEC only)
		1	American Journey License	Total: 1 <input type="checkbox"/> +1 (OEC HSS)
		1	American Speech Sounds License	Investigate licensing, should be 90+ by memory (OEC ESL)
		49	Azar Interactive License	Total: 49 <input type="checkbox"/> +32 CD @ OEC (OEC ESL) <input type="checkbox"/> +13 CD @ AHC, transfered to OEC (OEC ESL) <input type="checkbox"/> +4 CD @ SCC, transfered to OEC (OEC ESL)
		-	Basic English Grammar License	Site Sicense for OEC and SCC (OEC ESL)
		-	Delta's Key to the TOEF License	
		1	Dilemma in the Workplac License	Total: 1 <input type="checkbox"/> +1 CD @ OEC (OEC ESL)
		12	Encarta 98 License	Total: 12 <input type="checkbox"/> +12 CD @ OEC (OEC ESL) <input type="checkbox"/>
		-	English Learning Center License	Site Lincens OEC
		25	English Mastery License	25 boxed CDs form SCC
		1	ETS TOFEL PowerPrep	Total: 1 <input type="checkbox"/> +1 CD @ OEC (OEC ESL) - not compatible with WinXP
		1	ExamView License	OEC ABE - 1 license CD @ OEC
1		10	Filemaker Pro 5.5 License	Total: 10 <input type="checkbox"/> Initial keyserver value of 10, existing 10 lic certs in closet (OEC ITS)
		44	FileMaker Pro 7.0 License	Total: 44 <input type="checkbox"/> +44 Version 7.0 (Connie Wilson, OEC BSD)



In Use	Waiting	Count	Name	Notes
		71	Flash Pro 8 License	Total: 44 <input type="checkbox"/> +44 Licenses of MX 2002 (Connie Wilson, OEC BSD) <input type="checkbox"/> +27 Licenses of Flash Studio 8 (Curt Childress, SCC PO) <input type="checkbox"/> =71 Upgraded from MX 2002 to Flash Pro 8 upgraded (Connie Wilson, OEC BSD)
1		32	Focus on Grammer Licenses	Total: 27 HI, 25 Int, 19 Adv... putting 32 <input type="checkbox"/> +7 CD @ OEC FOG H.I. (OEC ESL) <input type="checkbox"/> +19 CD @ AHC FOG H.I. (OEC ESL) <input type="checkbox"/> +19 CD @ AHC FOG Adv (OEC ESL) <input type="checkbox"/> +19 CD @ AHC FOG Intermediate (OEC ESL) <input type="checkbox"/> +6 CD @ SCC FOG Intermediate (OEC ESL) <input type="checkbox"/> +1 CD @ AHC FOG H.I.
		9	How to Read License	Total: 9 <input type="checkbox"/> +6 CD @ OEC (OEC ESL) <input type="checkbox"/> +3 CD @ SCC (OEC ESL)
		9	How to Write License	Total: 9 <input type="checkbox"/> +9 CD @ OEC (OEC ESL)
		1	Inspiration License	Total: 1 <input type="checkbox"/> +1 CD @ OEC (OEC HSS)
		-	KeyCheckout License	
		3	KeySentry License	
		2	KeyVerify License	
		18	Liad License	Total: 18 <input type="checkbox"/> +18 - CDs @ OEC (OEC ESL)
		33	Live Action English	Total: 33 <input type="checkbox"/> +25 CD @ OEC (OEC ESL) <input type="checkbox"/> +4 CD @ AHC (OEC ESL) <input type="checkbox"/> +4 CD @ SCC (OEC ESL)
		-	LM English Interative License	Unlimited Site License OEC and SCC <input type="checkbox"/> Previous version was called: "Longman English Online"
		-	Make Flash License	
1		-	MAPLE 10 License	
		4	Math for Everyday License	Total: 4 <input type="checkbox"/> 4 CD @ OEC (OEC ESL)
		3	Mavis License	Total: 25 <input type="checkbox"/> +22 @ Farm - not managed by keyserver (OEC IE) <input type="checkbox"/> +3 @ OEC (OEC IE) <input type="checkbox"/>



In Use	Waiting	Count	Name	Notes
1		44	Microsoft Project License	Total: 44 +44 2002 (Connie Wilson, OEC BSD)
		-	Minitab 14 License	
		16	NOPD License	Total: 16 +16 CD @ OEC (OEC ESL)
		34	OPDI License	Total: 34 +13 CD @ OEC (OEC ESL) +20 CD @ AHC (OEC ESL) +1 CD @ SCC (OEC ESL)
3		-	PLATO® Pathways License	15 OEC orig 35 OEC added 26 U118 added ----- They say ~80 total, will let self manage and set to infinite
		50	Pronunciation Power 1 License	Total: 50 +22 CD @ OEC (OEC ESL) +18 CD @ AHC (OEC ESL) +10 CD @ SCC (OEC ESL)
		26	Pronunciation Power 2 License	Total: 26 +3 CD @ OEC (OEC ESL) +19 CD @ AHC (OEC ESL) +4 CD @ SCC (OEC ESL)
		-	Rossetta Stone 2000 License	Unlimited Site License
		-	Rossetta Stone Classic License	Unlimited Site License
2		-	Side by Side License	Unlimited Site License
		-	Silent Death	
		1	TMCBT License	Total: 1 +1 CD @ OEC
		22	Triple Play English License	Total: 22 +19 CD @ OEC (OEC ESL) +3 CD @ SCC (OEC ESL)
		30	Typing Tutor 7 License	Total: 8 +4 CD @ OEC (OEC ESL) +26 CD @ SCC (OEC ESL)
2		-	TypingTutor 10 License	Site license OEC Site License AHC
		-	Windows Explorer License	Unlimited Site License (District)
		-	WinRAR archiver License	No Licenses for WinRAR
		-	WISE Course Executable License	Unlimited Site License (District)
		4	Word Attack 3 License	Total: 4 +4 CD @ OEC (OEC ESL) not WinXP SP2 compatible



**26. OEC SERVERS (at OEC and OFF-CAMPUS)**

**OEC**

Server Name	Campus	Function	Brand & Model	CPU Type	Speed	OS	RAM	HD
CEOC1	SCCCE-OC	Print, File, Apps	PE 4600	P4 Xeon-Dual	1.8 GHZ	W2K	8 - 128 Mb	3 - 36 GB Raid 5
CEOC2	SCCCE-OC	ASAP, CASAS	PE 4600	P4 Xeon-Dual	2.4	W2K	1gb ddr	
CEOC3	SCCCE-OC	MyDocs, Data	PE 600sc	P4	2.8	W2K	512 ddr	
CECO1	SCCCE-OC	Printers	compaq	P2 - Dual	400		386MB simm	
CEOC13	SCCCE-OC	Ghost, File, NAV	GX400	P4	1.4 GHZ	W2K	2 - 128 Mb	1 - 120 GB, 1-80 GB, 1-60GB
CEOC-TECH	SCCCE-OC	Web, DB, Backups,	Dimension 8200	P4	2.0 GHZ	Linux	1 - 256 Mb	2 - 80 GB Raid 1
CEOC-TECH2	SCCCE-OC	Dev system: Web, □	Dimension 4100	P4	1.4 GHZ	Linux	1 - 256 Mb	2 - 80 GB Raid 1

**Off-Campus**

AHC1	SCCCE - AHC	Mydocs, Data	PE 600sc	P4	2.8	W2K	512 ddr	
CEOC12	SCCCE - AHC	Print, File, Apps	PE 4600	P4 Xeon-Dual	1.8 GHZ	W2K	8 - 128 Mb	3 - 36 GB Raid 5
server	Main Jail	Suport classroom	dell workstation			NT4		
server	IRC Jail	Suport classroom	dell workstation			NT4		
server	Lacy Jail	Suport classroom	dell workstation			NT4		
server	Farm Jail	Suport classroom	dell workstation			NT4		
server	Farm Jail - Mitech	Suport classroom	IBM Workstation			W2K		







**28. OEC FORECAST - OFF-CAMPUS SITES (EQUIPMENT REPLACEMENT COSTS)**

Year of Hardware Purchase --->	2000 & Earlier	2001	2002	2003	2004	2005	2006	2007
Quantity & Year of Replacement	2007	2007	2008	2009	2010	2011	2012	2013
Anaheim Hills Center - Academic								41
RIO	6							6
Mtech		21						21
Jail Musik A	22							22
Jail Musik B				20				20
Jail IRC					19			19
Jail Men					20			20
Jail Theo Lacy	31							31
Jail Women	8							8
AHC - Administrative Computers		3						3
<b>Totals</b>	<b>67</b>	<b>24</b>	<b>0</b>	<b>20</b>	<b>39</b>	<b>0</b>	<b>0</b>	<b>41</b>
<b>Annual Replacement Costs</b>	<b>2007</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Anaheim Hills Center - Academic	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$53,366
RIO	\$7,810	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Mtech	\$0	\$27,334	\$0	\$0	\$0	\$0	\$0	\$0
Jail Musik A	\$28,636	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Jail Musik B	\$0	\$0	\$0	\$26,032	\$0	\$0	\$0	\$0
Jail IRC	\$0	\$0	\$0	\$0	\$24,731	\$0	\$0	\$0
Jail Men	\$0	\$0	\$0	\$0	\$26,032	\$0	\$0	\$0
Jail Theo Lacy	\$40,350	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Jail Women	\$10,413	\$0	\$0	\$0	\$0	\$0	\$0	\$0
AHC - Administrative Computers	\$0	\$3,905	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Cost</b>	<b>\$87,209</b>	<b>\$31,239</b>	<b>\$0</b>	<b>\$26,032</b>	<b>\$50,763</b>	<b>\$0</b>	<b>\$0</b>	<b>\$53,366</b>
								<b>\$18,006</b>
								<b>Annual Average</b>
								<b>Total</b>



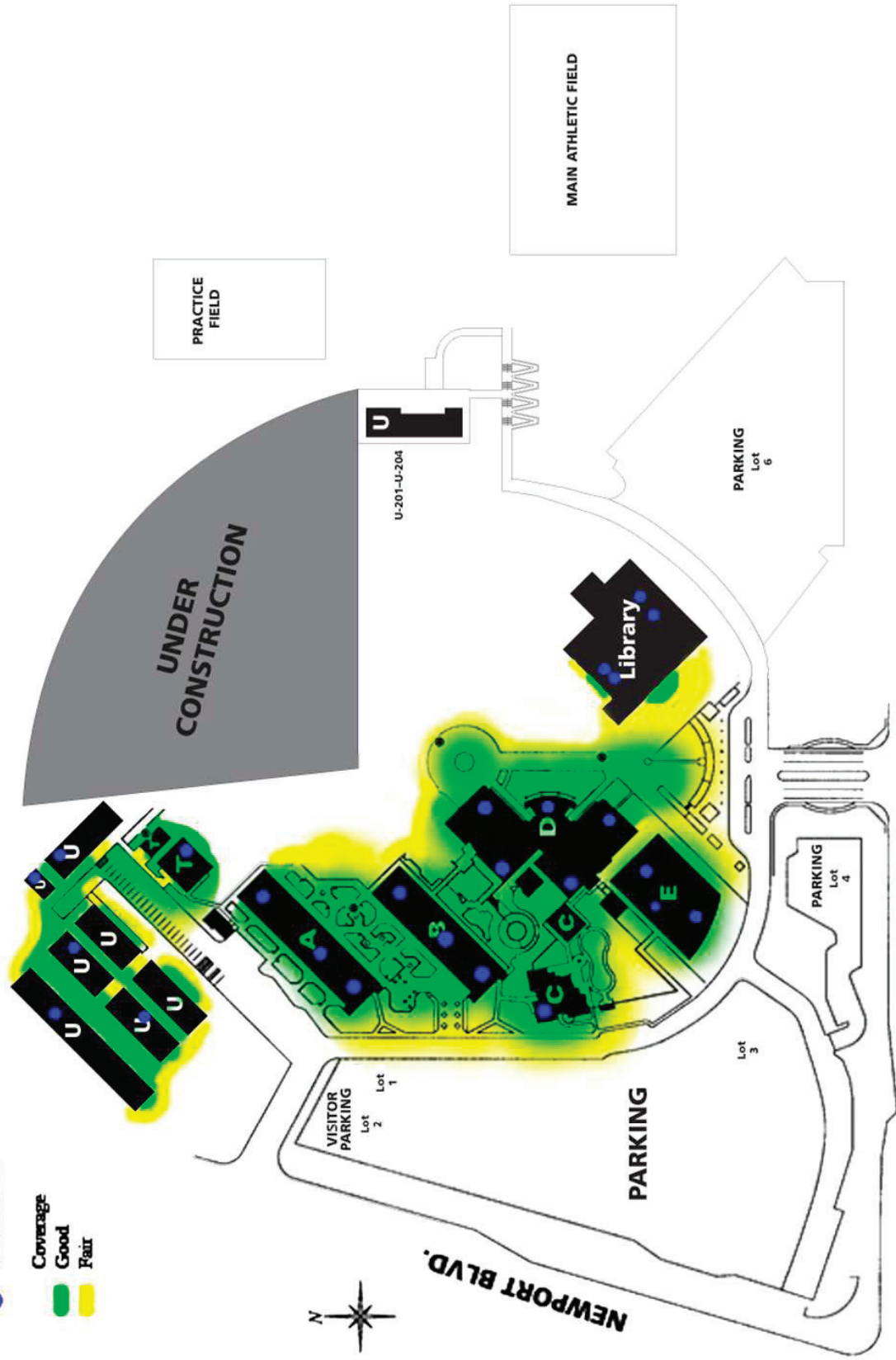
**29. OEC INFRASTRUCTURE UPGRADE FORECAST**

Line Nbr	Buildings --->	OEC	Tax	Item Total
1	Network Equipment	\$168,000	\$13,020	\$181,020
2	Network Maintenance	\$10,400	\$806	\$11,206
3	Electrical & Conduit Runs	Current Electric		
4	<b>Total</b>	<b>\$178,400</b>	<b>\$13,826</b>	<b>\$192,226</b>



**30. SANTIAGO CANYON COLLEGE**

- Access Points
- Coverage**
- Good
- Fair













**33. SCC INFRASTRUCTURE UPGRADE FORECAST**

Line Nbr	Buildings --->	A	B	D	E	L	Subtotal	Tax	Item Total
1	Network Equipment	115,616.00	97,136.00	176,990.00	7,500.00		397,242.00	30,786.26	<b>\$428,028.26</b>
2	Network Maintenance	6,864.00	6,864.00	10,296.00			24,024.00	1,861.86	<b>\$25,885.86</b>
3	UPS Equipment	6,018.00	6,018.00	6,018.00			18,054.00	1,399.19	<b>\$19,453.19</b>
4	Fiber Infrastructure	D4 Solutions	D4 Solutions	D4 Solutions					<b>\$30,742.68</b>
5	Workstation Wiring	D4 Solutions	D4 Solutions	D4 Solutions					
6	Electrical & Conduit Runs	Current Electric	Current Electric	Current Electric					
7	Server Growth in 2009					11,000.00	11,000.00	852.50	<b>\$11,852.50</b>
8	Disk Drive Expansion in 2008					4,200.00	4,200.00	325.50	<b>\$4,525.50</b>
9	<b>Total</b>	<b>\$128,498.00</b>	<b>\$110,018.00</b>	<b>\$193,304.00</b>	<b>\$7,500.00</b>	<b>\$15,200.00</b>	<b>\$454,520.00</b>	<b>\$35,225.30</b>	<b>\$520,487.98</b>

