HAWAI`I COMMUNITY COLLEGE
UNIT REVIEW REPORT

ACADEMIC COMPUTING UNIT

December 2, 2009

Assessment Period: July 1, 2006 to June 30, 2009

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Unit Review at Hawai'i Community College is a shared governance responsibility related to strategic planning and quality assurance. It is an important planning tool for the college budget process. Achievement of Student Learning Outcomes is embedded in this ongoing systematic assessment. Reviewed by a college- wide process, the Unit Reviews are available to the college and community at large to enhance communication and public accountability.

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Part I. Report Summary

Hawaii Community College's Mission:

Hawaii Community College promotes student learning by embracing our unique Hawaii Island culture and inspiring growth in the spirit of "*E `Imi Pono."* Aligned with the UH Community Colleges system's mission, we are committed to serving all segments of our Hawai`I Island community.

Academic Computing:

The mission of the Academic Computing Unit and future Department of Information Technology is to meet our College's growing demands in technology. This unit will provide service in the areas of Media Service and Institutional Technology for the purpose of meeting increasing technological needs and requirements. Successful achievement of the mission will provide necessary services to students, staff and faculty living, learning and working on our island.

Historical Perspective

In 1996 the core of the Academic Computing Unit (ACU) began to take shape when Hawai'i Community College hired a full time temporary IT specialist to manage the Novell network and the computer labs on the Upper Campus in the Business Technology building. This assignment provided the College with its first IT position in support of academic computing to complement a full time IT specialist already on staff assigned to administrative and student information systems computing/programming. The academic computing position was made permanent in 1999, and a second full time temporary IT specialist position was added to address the burgeoning demands of academic computing.

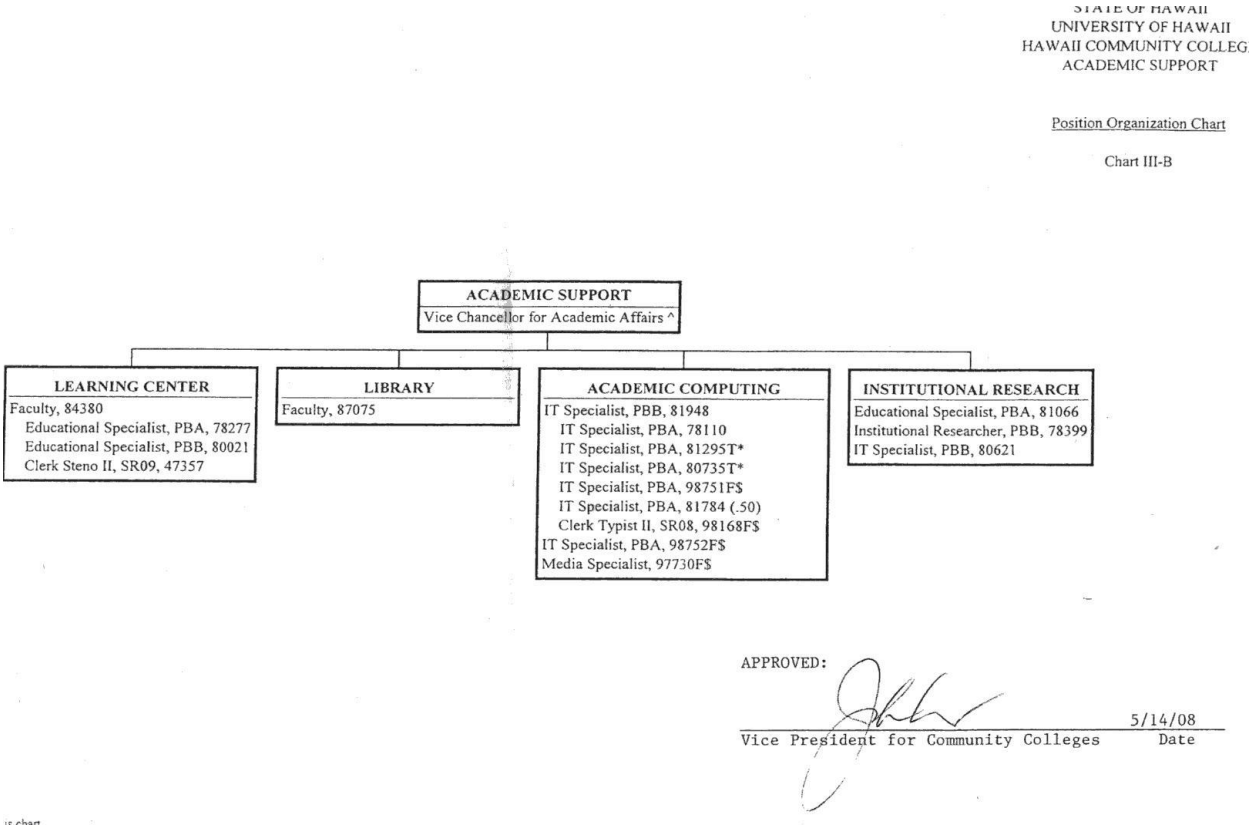
Computer usage proliferated in these years with all faculty offices equipped by utilizing year end supplies funds as well as roll outs from renovated computer labs. With the addition of the West Hawai'i campus in 1997 and the renovation/modernization of several buildings on the Manono campus the ACU was expanded to include an additional full time temporary IT specialist as well as two student help positions. In AY 2005 the College created two 0.5 positions assigned to UHCWH for media and computing support. Initially, a single candidate filled the foregoing positions, but his tenure lasted less than a year. Currently at UHCWH, there are two 0.5 media specialist positions. The responsibilities for IT support for UHCWH remains with the IT Specialists in Hilo.

Media Services in support of video-conferencing has historically been a service provided under the auspices of the HawCC Title III project. Through the activities of this project, the 2001-2002 academic year marked the initial deployment of videoconferencing to support distance learning throughout Hawaii Island. Initially course offerings focused on the delivery of the Hawaiian Lifestyles A.A.S. program and later expanded to delivery of other program courses. This

technology connected the College programs to UHCWH and to rural sites such as Pahala and Waimea. A Honokaa site was added at North Hawaii Education Research Center (NHERC). Further expansion plans now include Na'alehu, Puna, and North Kohala. The Title III project provided for two media specialists of which one position has now been institutionalized by the College. The funding for the Title III project that provides for one media specialist will end in February 2010.

The Academic Computing Unit completed a comprehensive program/unit review in Fall 2005 requesting 12.5 additional FTE positions and $1.1 M start up cost with an annual budget of $858K to create a Hawaii Community College Technology Department in the 2007-2009 Biennium Budget Request. The College received 4 (four) FTE positions and equipment/supply budget of $276,000, beginning in the second quarter of 2007-08.

Organizational chart:



Part II. Program

- **Services Provided by Academic Computing Unit (ACU)**

The Academic Computing Unit provides a complex set of services in support of all facets of computing, multimedia technologies, and the network infrastructure across three primary campuses and multiple remote sites maintained by Hawai'i Community College.

These services, directly or indirectly, impact each and every student, administrator, faculty, and staff member on a daily basis. Access to the campus network and to the Internet on a 24 hour/7 day(s) per week basis is critical for access to system wide services
(Banner, HR, e-mail, etc.), electronic classrooms, learning centers, distance education, and additional programs and mediums.

The following is a listing of services provided by the Academic Computing Unit:

- Hardware/Software Procurement
- Hardware/Software Setup
- Hardware/Software Installation
- Hardware/Software Troubleshooting
- Hardware/Software Repair
- Hardware/Software Replacement
- Network Procurement
- Network Setup
- Network Installation
- Network Troubleshooting
- Network Repair
- Network Replacement
- Network Cabling
- Network Testing
- Network Maintenance
- Network Administration
- Manage network subnets
- Manage network switching
- Wireless Network design
- Wireless Network configuration
- Wireless Network Administration
- Managed access points
- AirWave administration
- Nomadix administration
- Wireless installations
- Wireless Troubleshooting
- Data/Video Networks
- Managed VLAN’s
- Security/VOIP Network
- Server Procurement
- Server Setup
- Server Installation
- Server Troubleshooting
- Server Repair
- Server Replacement
- Server Testing
- Server Maintenance
- Server Administration
- Mail Services/Calendering Server

- BackUp Servers, Tape Drives, and Arrays
- SARS Servers
- SQL Servers
- Media Servers
- Campus Servers (DNS,AD,Data,Apps)
- ePolicy Server
- Windows Updates Server
- Cabling
- TrackIT! Help desk
- Web logins (HD)
- Phone (HD)
- Reporting on HD data
- Train Student Workers
- Supervise Student Workers
- Hardware Consultation
- Software Consultation
- Services Consultation(s)
- Purchasing approval
- Polycom (videoconference) support
- RadVision Scopia administration
- RadVision Scopia maintenance
- Network monitoring
- Interface with UHH Computing Center
- Interface with UH ITS-System
- Interface with external vendors
- Interface with state agencies
- Interface with community
- Interface with grants (RDP,Title III, HUD, etc.)
- Maintain offsite classrooms for OCET
- Maintain offsite classrooms for Middle College
- Maintain offsite services and classrooms for RDP
- West Hawaii Center remote access
- West Hawaii onsite support
- Assess media needs of the college
- Research/recommend media products, locate venders, identify prices
- Create and deliver media equipment training curriculum and materials
- Create and deliver Distant Education media equipment training curriculum and materials
- Maintain, replace and repair classroom media equipment
- Maintain, replace and repair video conferencing media equipment
- Routinely visit satellite Distance Education/Video conferencing sites for maintenance
- Help faculty integrate media strategies into their instruction

- **ACU GOALS 2006-2009:**

    - Increase staff requirements to create a Hawaii Community College Technology Department to incorporate multiple services, which are currently administered by other departments, UH System, or outside agencies– See Appendix A
    - Provide technical support and maintenance of computer hardware, software and peripherals to include both PCs and Macintosh systems
    - Develop an automated web based help desk system for inventory tracking, historical data on services provided, management of faculty/staff requests for computer support services, generate internal data reports, etc.
    - Configure and install a web based exchange calendar server system
    - Establish a recurring/replacement schedule for classroom, lab, and lab equivalent computer systems
    - Acquire an annual budget to maintain and support college needs
    - Maintain currency through increased training opportunities
    - Increase the number of servers to provide a greater range of services
    - Fill all allocated positions to ACU
    - Increase the number of off site locations for distance learning
    - Improve the infrastructure for distance learning in cooperation with Title III , ITS, and RDP
    - Continue to serve as campus resource for all computer and media purchases
    - Continue expansion and upgrades for video conferencing systems

    - Faculty and Staff listing, full time, part time, permanent and temporary personnel
        - Steve Schulte - IT Specialist Band B
        - Joy Aito IT Specialist Band A
        - Daniel Fernandez, IT Specialist Band A
        - O. Scot Rosehill, IT Specialist Band A
        - Glenn Proctor, IT Specialist Band A
        - IT Specialist Band B- Webmaster (currently recruiting)
        - Neal Uehara, Media Specialist Band A
        - Office Worker III (frozen)
        - Neal Uehara, Title III (8/21/2006-2/1/2008)
        - Maria Andaya, Title III (9/1/2005 – 1/2/2009)
        - James Patao, Title III (12/29/2008-9/26/2009)
        - Janet Cody, Title III (531/2006-1/1/0/2007)

- Brief Description of Facilities and Equipment
  ACU facilities consist of work, office, storage and equipment spaces located primarily on the Manono and UHH campuses. ACU has a presence (network or equipment) in every facility across the three campuses and remote sites on Hawaii Island. These facilities are the ones primarily dedicated to ACU:
    - Bldg 387 Rooms 104-108, 112, 115
    - Bldg 388 Room 110, 111

- Bldg 380 Room 2B, 34
- Bldg 389 2nd floor (Mezzanine)
- Bldg 346 Room 127 (closet), 139
- Bldg 393 Room 115 (closet)

ACU has a comprehensive listing of all equipment that is used by all the major units of the College: Administrative Services, Student Affairs, OCET, Instruction, and UHCWH. These include PC and Macintosh computer systems and all peripherals, servers, media equipment and multi-media classroom configurations, video conferencing equipment, video bridging equipment, wireless access points, and wireless authentication equipment. ACU carefully monitors all networked equipment using a tracking system that provides comprehensive system audits and inventory.

ACU established a four year computer replacement cycle that began in 2007 to ensure that the 25 lab and lab equivalents (approx 20 computer systems each) remain compatible with current software and hardware specifications. The College received $276,000 as a result of the previous comprehensive review request that was included in the College's Biennium Budget Request, 2007-2009. Included in this budget allocation is $30,000 for ACU Computing, $20,000 for ACU Media.

To provide support services to the three campuses and remote sites across the island, ACU has a 1999 Chevrolet Van.

Part III. Quantitative Trend Data Table

Computer Services/IT Support

Computer Services/IT Support (Overall Health)	**2007-2008**	**2008-2009**
Computer Services/IT Support demand (Health)		
Campus enrollment FTE	1598	1807
Number of faculty	110	108
Number of staff	108	102.5
Computer Services/IT Support Efficiency (Health)		
Hours of operation or access per week	43.75	43.75
Number of staff (attach description)	*5	**5
Student worker hours per week	25-30 hpw	10-15 hpw
Help desk counts per week	***	***
Number of faculty and staff computers	352	506
Number of student computers per FTE	599/1598=.387	586/1807=.324
Number work orders for repair and upgrade per computer	7519/951=7.91	1774/1343=1.32
Computer services Budget per college budget	0.01084****	0.00921****
Average processing time for work orders	1 day	1.1 day

Percent of wireless coverage	*****	*****
Average number of logins per computer per week	8	12
*Number of staff (attach description) - 2007-2008		
IT Specialist Band B (1)		
IT Specialist Band A (3)		
Office Worker III (1)		
**Number of staff (attach description) - 2008-2009		
IT Specialist Band B (1)		
IT Specialist Band A (4)		
Office Worker III (frozen 0)		
*** Help desk counts are included in number of work orders		
****College budget includes personnel costs, computer services budget does NOT		
*****Hawaii CC maintains wireless on three campuses (2007-08)		
Hawaii CC Manono campus = est. 80%		
Hawaii CC UHH campus = est. 20%		
UH- West Hawaii Center = est. 95%		
*****Hawaii CC maintains wireless on three campuses (2008-09)		
Hawaii CC Manono campus = est. 80%		
Hawaii CC UHH campus = est. 25%		
UH- West Hawaii Center = est. 98%		
Computer Services/IT Support Effectiveness (Health)		
CCSSE satisfaction		
CCSSE Frequency		

Media Services/Graphic Artist Support/Printing Services/Instructional Support (Hilo)

Media Services/Graphic Artist Support/Printing Services/Instructional Support (Overall Health)	2007-2008	2008-2009
Media...Demand (Health)		
Campus Enrollment FTE	1598	1807
Number of faculty	110	108
Number of staff (attach description)	108	102.5
Media... Efficiency (Health)		
Hours of operation per week	40	40
Number of staff (attach description)	2	2
Student worker hours per week	0	0
Number of work orders completed per year	72	83
Number of copies generated per year	Not Applicable	Not Applicable
Number of copies per FTE students per year	Not Applicable	Not Applicable
Hours spent on production of ITV or Cable or Videoconference programming per year (Below: Room, 2007 / 2008)	2131.25	2470.50

379A-6A: 211.0 / 239.75		
379A-6B: 174.75 / 258.75		
387-110: 98.75 / 186.25		
3393-104: 364.50 / 522.00		
NHERC: 61.0 / 230.0		
388-102: 731.75 / 617.00		
388-103: 375.50 / 269.25		
Kohala Center: 108.75 / 147.50		
Kau Rural Health: 5.5 / 0.00		
Media budget per college budget	$20,000 per $16,636,900 = .012%	$20,000 per $19,534,604 = .010%
Classrooms equipped per total classrooms (Below: Level, 2007 / 2008)	47 of 57 total	51 of 57
Level 1A: 29 / 31		
Level 1C: 0 / 2		
Level 1E: 5 / 5		
Level 1G: 2 / 2		
Level 2B: 8 / 7		
Level 2D: 0 / 1		
Level 2F: 3 / 3		
Media... Effectiveness (Health)		
CCSSE survey frequency		
CCSSE survey satisfaction		

Media Services/Graphic Artist Support/Printing Services/Instructional Support (West HI)

Media Services/Graphic Artist Support/Printing Services/Instructional Support (Overall Health)	2007-2008	2008-2009
Media...Demand (Health)		
Campus Enrollment FTE	1598	1807
Number of faculty	110	108
Number of staff (attach description)	108	102.5
Media... Efficiency (Health)		
Hours of operation per week	62.1 Average	52.1 Average

Number of staff (attach description)	1.5 *	1.5 *
Student worker hours per week	0	0
Number of work orders completed per year	144	144
Number of copies generated per year	Not Applicable	Not Applicable
Number of copies per FTE students per year	Not Applicable	Not Applicable
Hours spent on production of ITV or Cable or Videoconference programming per year (Below: Room, 2007 / 2008)	3972.5	4542
B1 B4: 633 / 262		
Admin Conference 94.5 / 144.0		
B4 R1: 1277.50 / 1369.25		
B4 R2: 333.5 / 1634.0		
B4 R3: 1634.00 / 1408.25		
Media budget per college budget	$66,518 per $16,636.900 = .0399%	$69619 per $19534604 = .0356%
Classrooms equipped per total classrooms (Below: Level, 2007 / 2008)	6 of 6	6 of 6
Level 1C: 2 / 2		
Level 1G: 4 / 4		
*****Number of staff (attach description) 2007-2008 And 2008-2009:		
(2) 0.5 Media Specialists APT and (1) 0.5 APT Casual Hire		
Media... Effectiveness (Health)		
CCSSE survey frequency		
CCSSE survey satisfaction		

Media Services/Graphic Artist Support/Printing Services/Instructional Support

Survey questions have been developed (approved October 2009) for the next cycle of unit reviews beginning in 2009-2010. ACU Computing and ACU Media will administer the survey in the Spring semesters.

Part IV. Quantitative Data Analysis

The staffing and funding requirements for the Academic Computing Unit was partially supported in the biennium budget request 2007-2009, sent forward and approved by the state legislature with funding beginning October 1, 2007. The biennium budget request 2007-2009 identified 18 positions needed to create the Department of Information Technology. Of these positions and within this review period of 2006-2009, this unit has 7.5 FTE positions, one position temporary budgeted, 0.5 T unbudgeted position. To complete the staffing to create this Department, the unit is lacking 9 positions which includes a Director (E/M) position.

The annual budget in the first year allocation was reduced since funding was not available at the start of the fiscal year. Beginning 2008, ACU has been allocated $276,000 which has been divided into a series of three Priorities and three Categories:

> The three priorities are: computer replacements for labs and lab equivalents ($125K); computing ($30K); and media services budget ($20K)
>
> The remaining $100K were used to fund the 3 categories: Instructional needs in the classroom (computers and media); Divisional/Unit hardware needs (new faculty and existing faculty); and College wide technology and media needs

This comprised the initial plan to budget the allocations for the three priorities and 3 categories. We did not include server and server maintenance purchases and did not factor in specialized equipment and software for programs such as Digital Media Arts, Forest TEAM, AEC to be funded through this legislative allocation. It appears that current software support contracts and software updates cannot be maintained within the current estimated "supplies" amount(s). Network infrastructure (both wired and wireless) will also be an ongoing need as technology evolves.

Currently there are no known plans for additional staffing or restructuring. One Media Specialist has been hired by the college, but operates independently. The webmaster position has been advertised several times and is currently now in recruitment.

Over the past years, there has been a large increase in the number of Apple systems to include laptops, desktops, and servers. It is anticipated the number of Apple computer systems will increase by at least 100 systems in the next year. Additionally, there will be an increase in the number of laptops used in the lab classrooms to convert them to multipurpose usages – computer lab and face-to-face instruction.

In order to support the entire island, ACU staff uses a 10-year old Chevrolet van to travel. The van is experiencing a number of mechanical problems and it is anticipated that within a year or two the van will have to be replaced.

Media services experienced a proliferation of video projectors and video conferencing equipment located in Hilo, West Hawaii and remote site locations. Services for Hilo and remote sites were provided by one G-funded media specialist and one federally funded specialist. Services for WH are provided by one FTE media specialist. Currently, the federal position is a half-time position that will end in February 2010.

HawCC will receive RDP funding to purchase HD video conferencing equipment to replace the current inventory for Hilo, UHCWH, and the remote sites. No additional staffing was requested in the RDP grant to support the installation, operation, and maintenance of approximately $1M in equipment over a 2-year period. The College has continued to move towards furnishing ALL classrooms with multi-media equipment for both Hilo and West Hawaii with close to 90% of our classrooms now requiring maintenance, servicing, replacement, and support for users. Once the part-time federally funded media position ends in February 2010, the medial specialist will have to provide support services and training to the users for all video conferencing and multi-media classrooms. West Hawaii media specialists will continue to provide these services and training to WH users in Kealakekua. They also support HITS classes.

In the absence of the media specialist in Hilo (sick or at off site locations), there are no support services available.

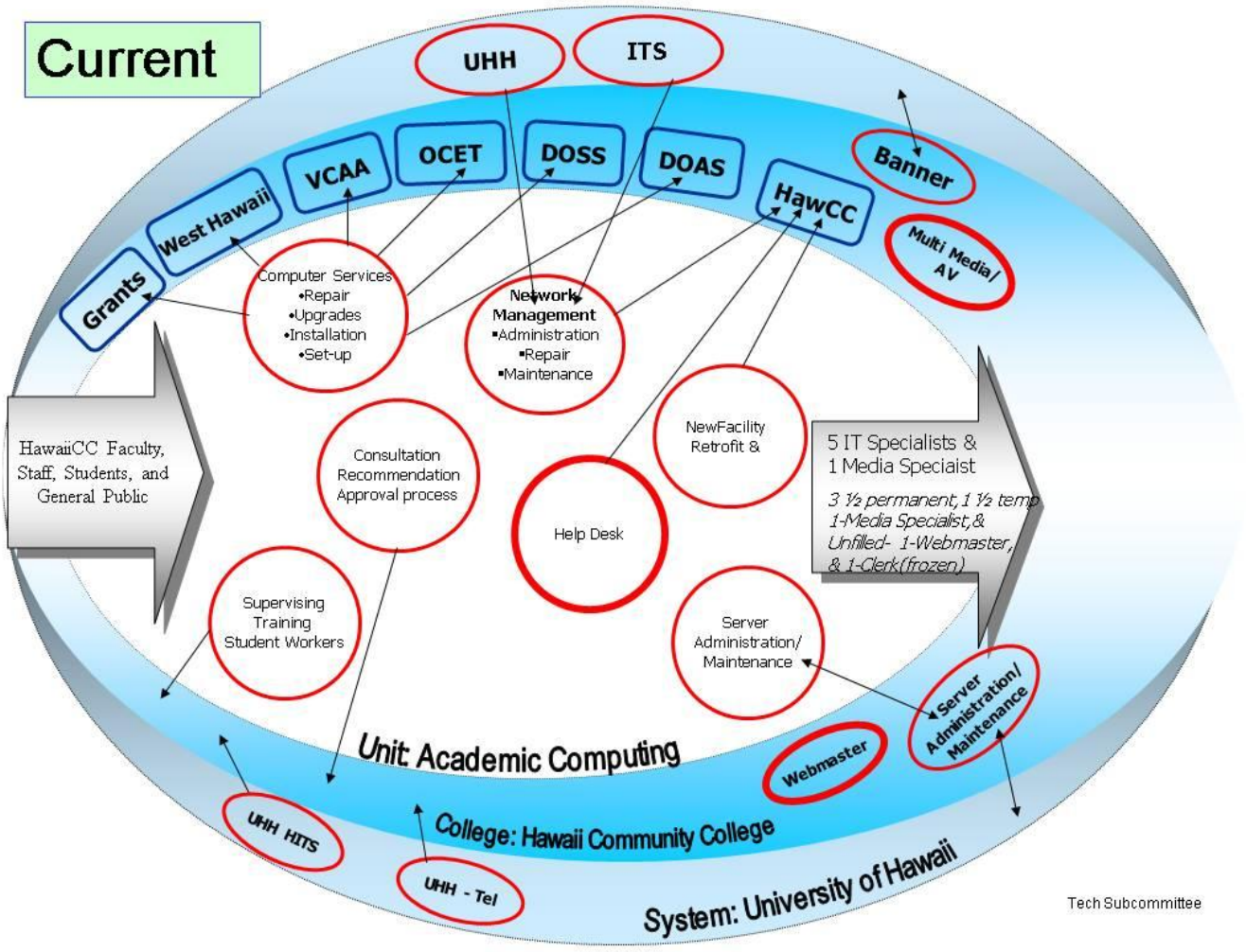
Part V. Other Data

No other data was collected during this review period.

Part VI. UNIT SLO's

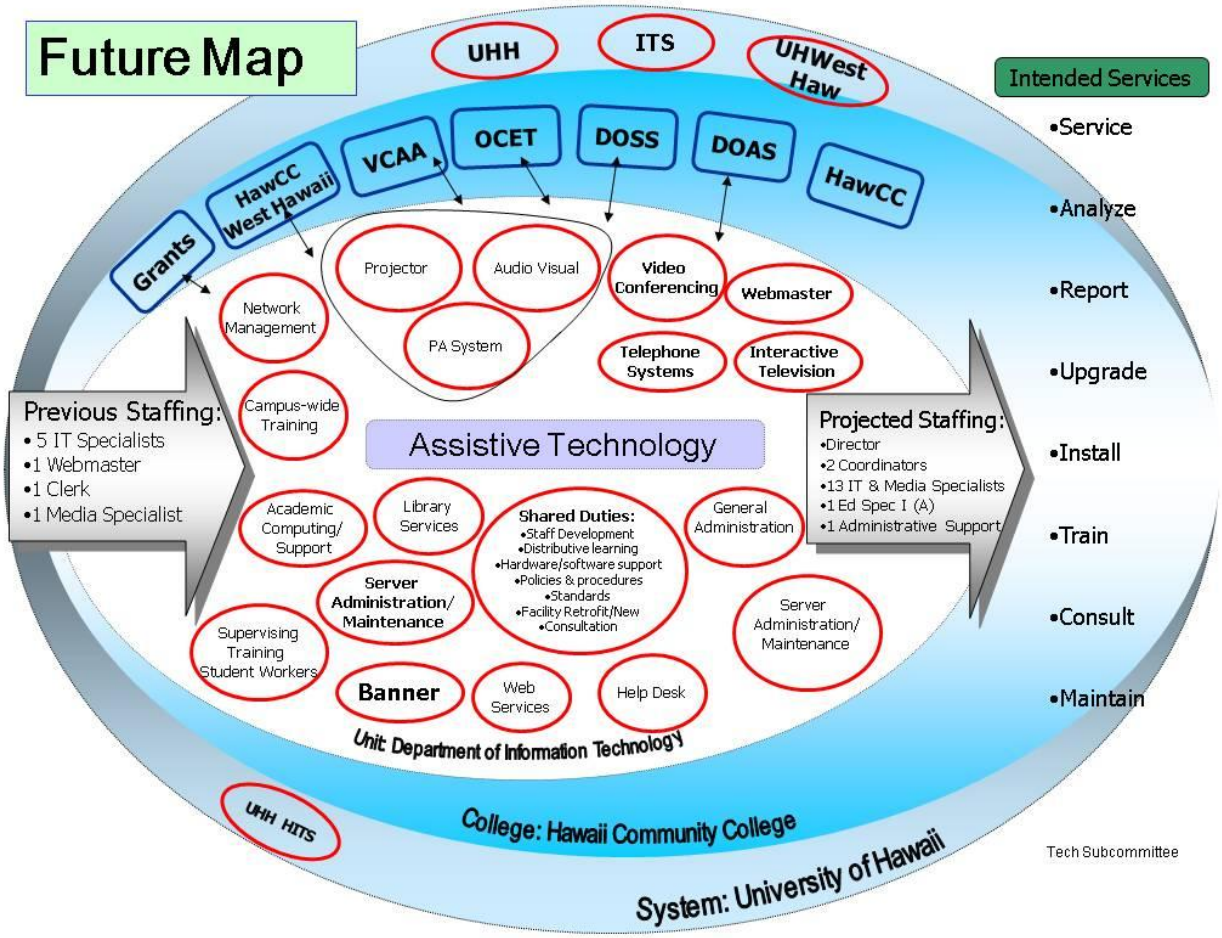
This unit provides direct technology-related services college-wide. The outcomes listed therefore have a substantial indirect impact to student learning outcomes. The program outcomes for the Academic Computing Unit and future Department of InformationTechnology are:

- Deploy Video Conferencing and HITS network to service 4,000 sq mi area
- Implement, maintain and develop data inquiry tools for Banner system
- Provide academic administrative computing and support
- Train faculty on techniques of video Distance Education distribution
- Maintain servers (web, email, file)


Current
UHH
ITS
VCAA
OCET
DOSS
DOAS
HawCC
Banner
West Hawaii
Grants
Multi Media/ AV
Computer Services
•Repair
•Upgrades
•Installation
•Set-up
Network Management
▪Administration
▪Repair
▪Maintenance
HawaiiCC Faculty, Staff, Students, and General Public
Consultation Recommendation Approval process
NewFacility Retrofit &
5 IT Specialists & 1 Media Speciaist
3 ½ permanent, 1 ½ temp
1-Media Specialist,&
Unfilled- 1-Webmaster,
& 1-Clerk(frozen)
Help Desk
Supervising Training Student Workers
Server Administration/ Maintenance
Server Administration/ Maintenance
Webmaster
Unit: Academic Computing
UHH HITS
UHH - Tel
College: Hawaii Community College
System: University of Hawaii
Tech Subcommittee

Outcomes listed hereafter require additional staff and/or budgetary resources to be provided on a continual institutionalized basis:

- Train faculty on techniques of internet Distance Education distribution
- Maintain, upgrade and administer projectors, audio visual, and public address systems
- Implement and maintain college-wide website
- Maintain and provide network services
- Deliver and maintain web services (work order system)
- Operate college-wide helpdesk (telephone/web services)
- Provide and maintain state-of-the-art telephone system
- Provide technical support to library system



How are the UNIT SLO's assessed?

The system has established data elements for Computer Services/IT Support and Media Services/Graphic Artist Support/Printing Services/Instructional Support Refer for assessment to determine unit health in three areas: Demand, Efficiency, and Effectiveness.
The data elements for Academic Support Units were approved approximately one month prior to the submittal dates of this document. The method to make Health calls have yet to be determined by CCIPRC.

Part VII. Unit Summary

- Alignment with college mission
  ACU's mission to provide Hawaii Community College and our community with a responsive team of technology experts, as well as state-of-the-art equipment, to ensure an educational environment that reflects a commitment to technology as a foundational value of this institution.

- Alignment with HawCC ADP
  ACU is in alignment with HawCC ADP Goal E:
  Develop an effective, efficient, and sustainable infrastructure to support learning
  Resource Requirements. The basic infrastructure of the College must be strengthened and expanded, particularly in support of distance delivery of classes and educational programs. Resources needed include:
  - Staffing for an office of Information Technology, including a Director, secretary, an educational specialist to work w/faculty on the development of distance ed curriculum, a media specialists to support distance ed technology and a computer specialists to support the college's sites around the island.

- Did your Unit meet the goals set in your last PR?
  The staff of the Academic Computing Unit will continue to maximize the resources allocated by the college to maintain, support, and replace the greatest number of systems possible. Lab and lab equivalents have been established to provide a working model based on a projected four year life cycle for most staff and student computers across the three campuses.
  Status: ongoing

  The network infrastructure in all buildings and campuses is continually being monitored and upgraded in an attempt to provide a gigabit backbone between most buildings and gigabit connections to the desktop in select areas.
  Status: remains in design stage

  ACU support is consistent with the services offered campus wide and resources are allocated proportionate to the other Departments and units within the college.
  Status: ongoing

  Seek additional work and storage space. The facilities that the ACU moved into four years ago are being maximized as the allocated positions are becoming filled. This is being further compounded as the need to allocate space for media support

and supplies further strains existing limits. The college needs to develop an adequate motor pool and maintain the vehicles assigned to it, or to provide funds for the units to do so. As the ACU attempts to continue weekly visits to the West Hawaii campus, it has become increasingly difficult to maintain this schedule with NO "motor pool" vehicles being approved for travel across the island. The one vehicle assigned to the ACU is over 10 years old and currently serves as the only means of transportation between the Manono and UHH campuses. When this vehicle is being used for transport to West Hawaii, service between the Hilo campuses comes to a standstill.

Part VIII. Resource Implications

An extensive analysis of the hardware and software that is currently being maintained by the ACU needs to be undertaken. A replacement cycle and budget needs to be established for each of these assets. Steps should be taken to purchase a vehicle for transportation to and in support of the West Hawaii Center.

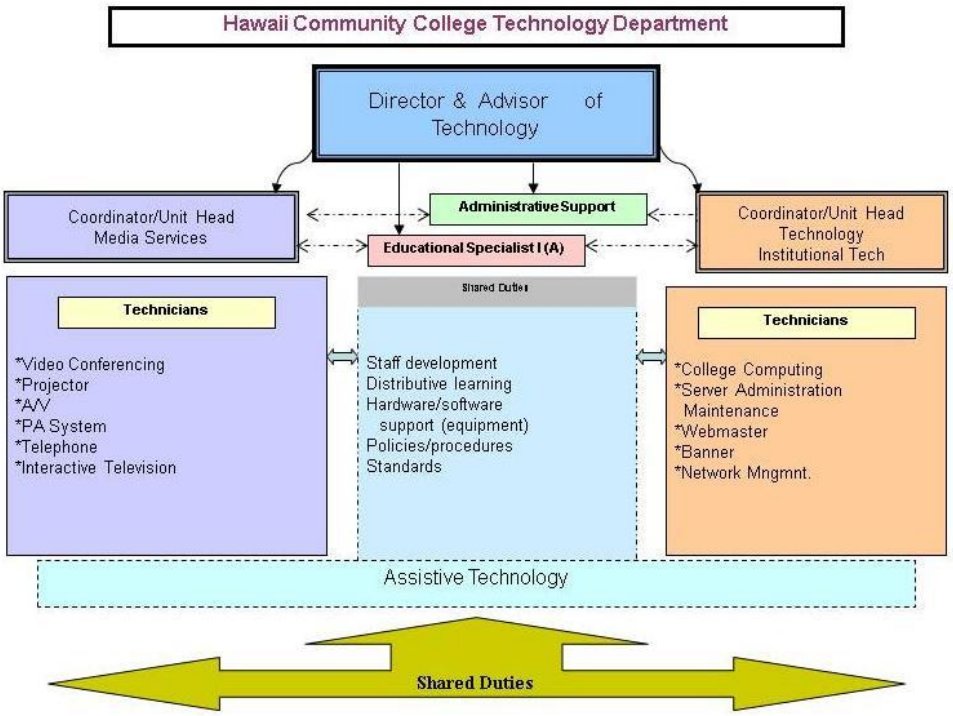
- Top three (3) Unit Strengths during this review period
  - Adoption of Technology Strategies to maximize the use of resources to build the college's technology inventory as well as its network infrastructure for local and distance delivery of courses on this island
  - Provided support for an alternative computer platform (Apple server, desktop, laptops) beginning with the DMA program to later include Hawaii Life Styles program, OCET, as well as individual faculty/staff computers (70 systems to date)
  - Institutionalized one media specialist; hired 2 IT Specialist; one clerical (vacant); one IT Specialist (web developer)

- Three (3) main Unit Areas for improvement/ Weaknesses during this review period
  - Lack sufficient IT Specialists, Media Specialists, Educational Specialist, Coordinators for Media and IT, & Director
  - Large service area 4000 sq mi; lack of vehicles
  - Insufficient funding to support a Technology Department and to sustain current equipment following the departure of federal funding (RDP, Title III, USDA/DOE, HUD)

- What are the unit goals/plans for the next review period?
  - Seek additional funding to create a Technology Department (personnel, budget, facilities)
  - Implement RDP High Definition Grant for distance learning that will include equipment and infrastructure
  - Engage in professional development activities to support new and existing technologies
  - Obtain vehicle(s) to service all three campuses and remote sites

- Create an action plan including a timeline and who is responsible. (A table might work well for this-example below-expand as needed)

Action Plan Tasks	Year	Responsible Party
Seek additional funding to create a Technology Department	2010-2011 for Biennium Budget 2011-2013	Administration
Implement RDP High Definition Grant for distance learning that will include equipment and infrastructure	2009-2011	ACU
Engage in professional development activities to support new and existing technologies	2010 and beyond	ACU
Obtain vehicle(s) to service all three campuses and remote sites	2010-2011 for Biennium Budget 2011-2013	Administration



Part VIII. Budget Implications

The unit does NOT have sufficient resources to meet the unit goals/plans for the next review period. ACU will seek additional staffing to create a Technology Department:

Position Title	# Staff
Director	1
Coordinators	2
APT Ed Specialist	1
Media Specialist (2 Hilo, 0.5 WH)	2.5
IT Specialist (0.5 Hilo, 0.5 WH)	1
IT Specialist Server Administrator	1
IT Specialist Network Management	1
TOTAL	9.5
Add'l Resources for equipment & supplies	$700,000
20,000 ft^2 facility	TBA
Professional Development	$100,000
Vehicle – Sedan & Van	$60,000

CHART 1: FACILITIES ASSIGNED TO PROGRAM

List Bdng/Rm/Lab/Shop	Describe Renovation/Repair Needed	Estimated Cost
Bldg 387 Rooms 104-108, 112, 115	Installation of Air conditioner in Room 115	$6000
Bldg 388 Room 110, 111	None	
Bldg 380 Room 2B, 34	Installation of a secure door lock, Room 2B	$250
Bldg 389 2nd floor (Mezzanine)	None	
Bldg 346 Room 127 (closet), 139	None	
Bldg 393 Room 115 (closet)	Installation of Air conditioner in Room 115	$5000

CHART 2: INVENTORY LIST: EQUIPMENT and CONTROLLED PROPERTY

Product Description:	*Program Assigned Equipment E= >$5K and Controlled Property CP= $1-$5K*	*Expected Depreciation Date*	*Estimated Replacement Cost*
PROJECTOR	E	3/1/2003	12,500
CAMERA DIGITAL	CP	6/1/2003	3,500
VAN CHEVROLET	E	10/1/2008	30,000
CONTROLLER	E	7/30/2004	12,000
CAMERA COMMUNICATION	CP	7/30/2004	2,000
CAMERA COMMUNICATION	CP	7/30/2004	2,000
CAMERA COMMUNICATION	CP	7/30/2004	2,000
PROJECTOR CANON	CP	7/30/2004	1,200
VISUAL PRESENTER ELMO	CP	7/30/2004	2,500
PROJECTOR INFOCUS	E	12/15/2004	1,200
PROJECTOR MEDIA BOXLIGHT	CP	2/4/2005	1,200
TELEVISION SONY 48 INCH PROJECTION	CP	2/4/2005	1,800
CAMERA DIGITAL VIDEO SONY	CP	7/26/2005	3,000
VISUAL PRESENTER ELMO	CP	10/20/2005	2,500
PROJECTOR	CP	12/22/2005	1,200
CAMERA SONY	CP	12/29/2005	1,000
UNIT VIDEO CONFERENCE	E	2/7/2006	12,500
UNIT VIDEO CONFERENCE	E	2/7/2006	12,500
UNIT VIDEO CONFERENCE	E	2/7/2006	12,500
VISUAL PRESENTER ELMO	CP	3/7/2006	2,500
PROJECTOR	CP	4/11/2006	1,200
TELEVISION SONY 36-INCH	CP	5/16/2006	1,800
BOARD SMART 72 INCH DIAGONAL	CP	6/15/2006	2,000
VISUAL PRESENTER ELMO	CP	8/3/2006	2,500
TELEVISION SONY 61-INCH PROJECTION	CP	9/11/2006	4,500
SINEWAVE INVERTOR	CP	9/26/2009	5,000
NETWORK ATTACHED STORAGE UNIT	CP	10/3/2005	5,000
NETWORK ATTACHED STORAGE UNIT	CP	10/3/2005	5,000

PRINTER HEWLETT PACKARD		**CP**		**10/8/2007**	**1,400**
PRINTER HEWLETT PACKARD		**CP**		**10/8/2007**	**1,400**
PRINTER HEWLETT PACKARD		**CP**		**10/8/2007**	**1,400**
PRINTER HEWLETT PACKARD		**CP**		**10/8/2007**	**1,400**
VISUAL PRESENTER ELMO		**CP**		**11/8/2006**	**2,500**
PROJECTOR LCD PORTABLE		**CP**		**11/29/2006**	**1,200**
PROJECTOR		**CP**		**11/30/2006**	**1,200**
TELEVISION SONY 43-INCH PROJECTION		**CP**		**5/10/2007**	**1,800**
COMPUTER DELL		**CP**		**6/10/2006**	**1,000**
COMPUTER DELL		**CP**		**6/10/2006**	**1,000**
COMPUTER DELL		**CP**		**6/10/2006**	**1,000**
COMPUTER DELL		**CP**		**6/10/2006**	**1,000**
COMPUTER DELL		**CP**		**6/10/2006**	**1,000**
COMPUTER DELL		**CP**		**6/10/2006**	**1,000**
COMPUTER DELL		**CP**		**6/10/2006**	**1,000**
COMPUTER DELL		**CP**		**6/10/2006**	**1,000**
COMPUTER DELL		**CP**		**6/10/2006**	**1,000**
COMPUTER DELL		**CP**		**6/19/2006**	**1,000**
COMPUTER DELL		**CP**		**6/19/2006**	**1,000**
PROJECTOR INFOCUS		**CP**		**7/12/2007**	**1,200**
VISUAL PRESENTER ELMO		**CP**		**7/23/2007**	**2,500**
PROJECTOR VIEWSONIC		**CP**		**8/7/2007**	**1,200**
PROJECTOR DATA		**CP**		**2/20/2008**	**1,200**
PROJECTOR DATA		**CP**		**2/20/2008**	**1,200**
PROJECTOR W/REMOTE		**CP**		**7/11/2008**	**1,200**
PROJECTOR BOXLIGHT		**CP**		**7/28/2008**	**1,200**
PROJECTOR BOXLIGHT		**CP**		**8/6/2008**	**1,200**
VIDEO TELECONFERENCING UNIT		**E**		**8/11/2008**	**12,500**
PROJECTOR DATA EPSON		**CP**		**8/12/2008**	**1,200**
PROJECTOR DATA EPSON		**CP**		**8/12/2008**	**1,200**
PROJECTOR DATA EPSON		**CP**		**8/12/2008**	**1,200**
PROJECTOR DATA EPSON		**CP**		**8/12/2008**	**1,200**
PROJECTOR LCD		**CP**		**8/28/2008**	**1,200**
PROJECTOR LCD SONY		**CP**		**9/16/2008**	**1,200**
PROJECTOR BOXLIGHT		**CP**		**11/17/2008**	**1,200**
PROJECTOR BOXLIGHT		**CP**		**11/17/2008**	**1,200**
PROJECTOR BOXLIGHT		**CP**		**11/17/2008**	**1,200**
PROJECTOR BOXLIGHT		**CP**		**11/17/2008**	**1,200**
PROJECTOR BOXLIGHT		**CP**		**1/20/2009**	**1,200**
PROJECTOR BOXLIGHT		**CP**		**1/23/2009**	**1,200**

PRINTER HEWLETT PACKARD		**CP**		**1/28/2010**	**1,400**
PRINTER HEWLETT PACKARD		**CP**		**1/28/2010**	**1,400**
PRINTER HEWLETT PACKARD		**CP**		**1/28/2010**	**1,400**
PRINTER HEWLETT PACKARD		**CP**		**1/28/2010**	**1,400**
PRINTER HEWLETT PACKARD		**CP**		**1/28/2010**	**1,400**
PRINTER HEWLETT PACKARD		**CP**		**1/28/2010**	**1,400**
PRINTER HEWLETT PACKARD		**CP**		**1/28/2010**	**1,400**
PROJECTOR BOXLIGHT		**CP**		**2/9/2009**	**1,200**
PROJECTOR BOXLIGHT		**CP**		**2/9/2009**	**1,200**
PROJECTOR LCD		**CP**		**2/10/2009**	**1,200**
PROJECTOR LCD		**CP**		**2/10/2009**	**1,200**
VIDEOCONFERENCING SYSTEM		**E**		**2/13/2009**	**12,500**
PROJECTOR BOXLIGHT		**CP**		**2/20/2009**	**1,200**
PROJECTOR BOXLIGHT		**CP**		**2/20/2009**	**1,200**
PROJECTOR BOXLIGHT		**CP**		**2/20/2009**	**1,200**
PROJECTOR BOXLIGHT		**CP**		**2/20/2009**	**1,200**
PROJECTOR BOXLIGHT		**CP**		**2/20/2009**	**1,200**
PROJECTOR BOXLIGHT		**CP**		**2/20/2009**	**1,200**
PROJECTOR BOXLIGHT		**CP**		**2/20/2009**	**1,200**
VISUAL PRESENTER ELMO		**CP**		**2/20/2009**	**2,500**
ETHERNET VIDEO INTERFACE		**CP**		**3/8/2010**	**1,200**
ETHERNET VIDEO INTERFACE		**CP**		**3/8/2010**	**1,200**
CAMERA VIDEO COLOR		**CP**		**4/12/2009**	**1,000**
CAMCORDER DIGITAL MINIDV CANON		**CP**		**4/27/2009**	**1,000**
VIDEOCONFERENCING SYSTEM POLYCOM		**E**		**5/5/2009**	**12,500**
VIDEOCONFERENCING SYSTEM POLYCOM		**E**		**5/5/2009**	**12,500**
PROJECTOR LCD		**CP**		**5/14/2009**	**1,200**
CAMCORDER DIGITAL CANON		**CP**		**5/18/2009**	**1,000**
VIDEOCONFERENCING UNIT		**CP**		**5/18/2009**	**12,500**
VIDEOCONFERENCE WORKSTATION		**E**		**5/25/2009**	**12,500**
CAMERA SONY		**CP**		**6/1/2009**	**1,000**
VISUAL PRESENTER BOXLIGHT		**CP**		**6/4/2009**	**1,200**
VISUAL PRESENTER BOXLIGHT		**CP**		**6/4/2009**	**1,200**
COMPUTER MACINTOSH		**CP**		**6/19/2008**	**2,200**
COMPUTER MACINTOSH		**CP**		**6/19/2008**	**2,200**
COMPUTER MACINTOSH		**CP**		**6/19/2008**	**2,200**
COMPUTER MACINTOSH		**CP**		**6/19/2008**	**2,200**
COMPUTER MACINTOSH		**CP**		**6/19/2008**	**2,200**

COMPUTER MACINTOSH		**CP**		**6/19/2008**	**2,200**
COMPUTER MACINTOSH		**CP**		**6/19/2008**	**2,200**
COMPUTER MACINTOSH		**CP**		**6/19/2008**	**2,200**
COMPUTER MACINTOSH		**CP**		**6/19/2008**	**2,200**
COMPUTER MACINTOSH		**CP**		**6/19/2008**	**2,200**
COMPUTER MACINTOSH		**CP**		**6/19/2008**	**2,200**
COMPUTER MACINTOSH		**CP**		**6/19/2008**	**2,200**
PROJECTOR BOXLIGHT		**CP**		**6/23/2009**	**1,200**
COMPUTER DELL		**CP**		**6/25/2008**	**1,200**
TELEVISION SONY 65-INCH PROJECTION		**CP**		**6/25/2009**	**4,500**
COMPUTER DELL		**CP**		**7/9/2008**	**1,200**
COMPUTER LAPTOP MACINTOSH		**CP**		**7/20/2008**	**2,800**
MONITOR DUAL-DISPLAY W/INTEGRATED SOUND		**E**		**7/21/2009**	**3,600**
PROJECTOR BOXLIGHT		**CP**		**7/23/2009**	**1,200**
PROJECTOR BOXLIGHT		**CP**		**7/23/2009**	**1,200**
PROJECTOR BOXLIGHT		**CP**		**7/28/2009**	**1,200**
PROJECTOR BOXLIGHT		**CP**		**8/4/2009**	**1,200**
COMPUTER DELL		**CP**		**8/4/2008**	**2,000**
COMPUTER DELL		**CP**		**8/4/2008**	**2,000**
TELEVISION SONY 31-INCH FP PLASMA		**CP**		**8/11/2009**	**4,500**
VIDEO CONFERENCING STATION		**E**		**8/26/2009**	**12,500**
VIDEO CONFERENCING STATION		**E**		**8/26/2009**	**12,500**
PROJECTOR BOXLIGHT		**CP**		**9/2/2009**	**1,200**
PROJECTOR LCD BOXLIGHT		**CP**		**9/3/2009**	**1,200**
PROJECTOR LCD BOXLIGHT		**CP**		**9/3/2009**	**1,200**
PROJECTOR BOXLIGHT		**CP**		**9/17/2009**	**1,200**
COMPUTER LAPTOP DELL		**CP**		**10/4/2008**	**1,800**
PRINTER HEWLETT PACKARD		**CP**		**10/25/2010**	**1,400**
PROJECTOR 2000 LUMEN XGA		**CP**		**11/10/2009**	**1,200**
WORKSTATION MULTIMEDIA		**CP**		**11/30/2014**	**1,250**
PROJECTOR BOXLIGHT		**CP**		**12/6/2009**	**1,200**
VISUAL PRESENTER BOXLIGHT		**CP**		**1/6/2010**	**1,200**
TELEVISION SONY 70-INCH REAR PROJECTION		**E**		**1/19/2010**	**4,500**
TELEVISION SONY 60-INCH LCD PROJECTION		**CP**		**1/19/2010**	**4,500**
TELEVISION SONY 60-INCH LCD PROJECTION		**CP**		**1/19/2010**	**4,500**
PROJECTOR BOXLIGHT		**CP**		**4/25/2010**	**1,200**

VIDEOCONFERENCE WORKSTATION		**E**		**6/2/2010**	**12,500**
SERVER COMPUTER DELL		**CP**		**6/24/2009**	**2,500**
COMPUTER MACINTOSH		**CP**		**7/13/2009**	**2,500**
COMPUTER MACINTOSH		**CP**		**7/13/2009**	**2,500**
PROJECTOR LCD		**CP**		**7/14/2010**	**1,200**
ETHERNET APPLIANCE		**CP**		**8/12/2011**	**1,300**
ETHERNET APPLIANCE		**CP**		**8/12/2011**	**1,300**
PROJECTOR BOXLIGHT		**CP**		**10/5/2010**	**1,200**
COMPUTER DELL		**CP**		**1/9/2010**	**3,200**
PROJECTOR BOXLIGHT		**CP**		**2/28/2011**	**1,200**
PROJECTOR BOXLIGHT		**CP**		**2/28/2011**	**1,200**
PROJECTOR BOXLIGHT		**CP**		**3/15/2011**	**1,200**
COMPUTER MACINTOSH		**CP**		**3/21/2010**	**3,200**
CAMCORDER SONY		**CP**		**4/10/2011**	**2,000**
PROJECTOR LCD		**CP**		**4/27/2011**	**1,200**
COMPUTER MACINTOSH		**CP**		**4/28/2010**	**2,000**
COMPUTER MACINTOSH		**CP**		**4/28/2010**	**2,000**
COMPUTER DELL		**CP**		**5/3/2010**	**3,100**
PROJECTOR BOXLIGHT		**CP**		**5/9/2011**	**1,200**
PROJECTOR BOXLIGHT		**CP**		**5/9/2011**	**1,200**
SERVER COMPUTER DELL		**CP**		**6/9/2010**	**4,000**
PROJECTOR BOXLIGHT		**CP**		**6/21/2011**	**1,200**
PROJECTOR BOXLIGHT		**CP**		**6/23/2011**	**1,200**
PROJECTOR BOXLIGHT		**CP**		**7/26/2011**	**1,200**
PROJECTOR BOXLIGHT		**CP**		**7/26/2011**	**1,200**
COMPUTER DELL		**CP**		**7/26/2010**	**1,800**
PRINTER HEWLETT PACKARD		**CP**		**7/26/2012**	**1,400**
PRINTER HEWLETT PACKARD		**CP**		**7/26/2012**	**1,400**
PRINTER HEWLETT PACKARD		**CP**		**7/26/2012**	**1,400**
COMPUTER MACINTOSH		**CP**		**8/3/2010**	**1,600**
COMPUTER DELL		**CP**		**8/9/2010**	**2,500**
SERVER DELL		**CP**		**8/16/2010**	**4,500**
PROJECTOR DIGITAL		**CP**		**8/29/2011**	**1,200**
PROJECTOR SCREEN		**CP**		**9/6/2014**	**1,100**
PRESENTER TELECOM		**E**		**9/6/2011**	**12,500**
PRESENTER CAMERA TELECOM		**CP**		**9/6/2011**	**2,000**
PRESENTER CAMERA TELECOM		**CP**		**9/6/2011**	**2,000**
COMPUTER MACINTOSH		**CP**		**9/27/2010**	**1,500**
PROJECTOR BOXLIGHT		**CP**		**10/11/2011**	**1,200**
PROJECTOR BOXLIGHT		**CP**		**11/3/2011**	**1,200**

PROJECTOR BOXLIGHT		**CP**		**11/8/2011**	**1,200**
COMPUTER MINITOWER DELL		**CP**		**12/7/2010**	**2,800**
COMPUTER MINITOWER DELL		**CP**		**12/7/2010**	**2,800**
COMPUTER MINITOWER DELL		**CP**		**12/7/2010**	**2,800**
COMPUTER MINITOWER DELL		**CP**		**12/7/2010**	**2,800**
COMPUTER MINITOWER DELL		**CP**		**12/7/2010**	**2,800**
COMPUTER MINITOWER DELL		**CP**		**12/7/2010**	**2,800**
COMPUTER MINITOWER DELL		**CP**		**12/7/2010**	**2,800**
COMPUTER MINITOWER DELL		**CP**		**12/7/2010**	**2,800**
COMPUTER MINITOWER DELL		**CP**		**12/7/2010**	**2,800**
COMPUTER MINITOWER DELL		**CP**		**12/7/2010**	**2,800**
COMPUTER MINITOWER DELL		**CP**		**12/7/2010**	**2,800**
VIDEOCASSETTE RECORDER MINI DV SONY		**CP**		**12/7/2011**	**1,000**
VIDEOCASSETTE RECORDER MINI DV SONY		**CP**		**12/7/2011**	**1,000**
PROJECTOR LCD MULTIMEDIA SONY		**CP**		**1/11/2012**	**1,200**
COMPUTER LAPTOP MACINTOSH		**CP**		**1/17/2011**	**1,300**
COMPUTER LAPTOP MACINTOSH		**CP**		**1/17/2011**	**1,300**
COMPUTER LAPTOP MACINTOSH		**CP**		**1/17/2011**	**1,300**
COMPUTER LAPTOP MACINTOSH		**CP**		**1/17/2011**	**1,300**
COMPUTER LAPTOP MACINTOSH		**CP**		**1/22/2011**	**2,200**
COMPUTER LAPTOP MACINTOSH		**CP**		**1/22/2011**	**2,200**
COMPUTER MACINTOSH		**CP**		**1/30/2011**	**2,800**
PRESENTER VIDEOCONFERENCE		**E**		**3/8/2012**	**12,500**
COMPUTER MACINTOSH		**CP**		**3/19/2011**	**2,400**
COMPUTER DELL		**CP**		**3/28/2011**	**3,200**
PROJECTOR BOXLIGHT		**CP**		**4/4/2012**	**1,200**
COMPUTER LAPTOP MACINTOSH		**CP**		**5/21/2011**	**2,600**
COMPUTER LAPTOP MACINTOSH		**CP**		**5/21/2011**	**2,600**
COMPUTER LAPTOP MACINTOSH		**CP**		**5/21/2011**	**2,600**
TELEVISION SONY		**CP**		**5/30/2012**	**1,800**
PROJECTOR BOXLIGHT		**CP**		**6/20/2012**	**1,200**
PROJECTOR BOXLIGHT		**CP**		**6/20/2012**	**1,200**
COMPUTER LAPTOP MACINTOSH		**CP**		**6/21/2011**	**1,800**
COMPUTER DELL		**CP**		**6/27/2011**	**1,200**
COMPUTER DELL		**CP**		**6/27/2011**	**1,200**
COMPUTER DELL		**CP**		**6/27/2011**	**1,200**
COMPUTER DELL		**CP**		**6/27/2011**	**1,200**
COMPUTER DELL		**CP**		**6/27/2011**	**1,200**
COMPUTER DELL		**CP**		**6/27/2011**	**1,200**

COMPUTER DELL		**CP**		**6/27/2011**	**1,200**
COMPUTER DELL		**CP**		**6/27/2011**	**1,200**
COMPUTER DELL		**CP**		**6/27/2011**	**1,200**
COMPUTER DELL		**CP**		**6/27/2011**	**1,200**
COMPUTER DELL		**CP**		**6/27/2011**	**1,200**
COMPUTER DELL		**CP**		**6/27/2011**	**1,200**
COMPUTER DELL		**CP**		**6/27/2011**	**1,200**
COMPUTER DELL		**CP**		**6/27/2011**	**1,200**
COMPUTER DELL		**CP**		**6/27/2011**	**1,200**
COMPUTER DELL		**CP**		**6/27/2011**	**1,200**
COMPUTER DELL		**CP**		**6/27/2011**	**1,200**
COMPUTER DELL		**CP**		**6/27/2011**	**1,200**
COMPUTER DELL		**CP**		**6/27/2011**	**1,200**
COMPUTER DELL		**CP**		**6/27/2011**	**1,200**
COMPUTER DELL		**CP**		**6/27/2011**	**1,200**
HOTSPOT GATEWAY		**CP**		**6/27/2012**	**1,600**
NETWORK ACCESS CONTROL APPLIANCE		**E**		**6/27/2012**	**10,000**
PROJECTOR VIDEO		**CP**		**7/12/2012**	**1,200**
PROJECTOR BOXLIGHT		**CP**		**7/20/2012**	**1,200**
PROJECTOR BOXLIGHT		**CP**		**7/20/2012**	**1,200**
PROJECTOR BOXLIGHT		**CP**		**7/20/2012**	**1,200**
PROJECTOR BOXLIGHT		**CP**		**7/20/2012**	**1,200**
COMPUTER DELL		**CP**		**7/20/2011**	**5,500**
VISUAL PRESENTER ELMO		**CP**		**7/20/2012**	**2,500**
DVD/CD DISC PUBLISHER		**CP**		**7/24/2012**	**1,600**
CAMCORDER JVC W/ 16X LENS KIT		**E**		**7/27/2012**	**7,000**
PROJECTOR BOXLIGHT		**CP**		**7/30/2012**	**1,200**
PROJECTOR BOXLIGHT		**CP**		**7/30/2012**	**1,200**
VIDEO CONFERENCING DEVICE		**CP**		**7/30/2012**	**12,500**
VIDEO CONFERENCING KIT		**CP**		**7/30/2012**	**12,500**
PROJECTOR BOXLIGHT		**CP**		**8/8/2012**	**1,200**
MONITOR DELL		**CP**		**8/10/2012**	**1,800**
TELEVISION SONY		**CP**		**8/10/2012**	**1,800**
RACK DELL		**CP**		**10/12/2017**	**1,500**
RACK DELL		**CP**		**10/12/2017**	**1,500**
COMPUTER LAPTOP DELL		**CP**		**11/5/2011**	**1,400**
COMPUTER LAPTOP DELL		**CP**		**11/5/2011**	**1,400**
COMPUTER LAPTOP DELL		**CP**		**11/5/2011**	**1,400**
COMPUTER LAPTOP DELL		**CP**		**11/5/2011**	**1,400**
COMPUTER LAPTOP DELL		**CP**		**11/5/2011**	**1,400**

COMPUTER LAPTOP DELL		**CP**		**11/5/2011**	**1,400**
COMPUTER LAPTOP DELL		**CP**		**11/5/2011**	**1,400**
COMPUTER LAPTOP DELL		**CP**		**11/5/2011**	**1,400**
COMPUTER LAPTOP DELL		**CP**		**11/5/2011**	**1,400**
COMPUTER LAPTOP DELL		**CP**		**11/5/2011**	**1,400**
DESK MEDIA		**CP**		**11/7/2017**	**1,600**
COMPUTER LAPTOP DELL		**CP**		**11/19/2011**	**1,200**
COMPUTER LAPTOP MACINTOSH		**CP**		**12/3/2011**	**1,300**
COMPUTER LAPTOP MACINTOSH		**CP**		**12/3/2011**	**1,300**
COMPUTER LAPTOP MACINTOSH		**CP**		**12/3/2011**	**1,300**
SERVER COMPUTER DELL		**E**		**12/19/2011**	**7,500**
PROJECTOR BOXLIGHT		**CP**		**12/26/2012**	**1,200**
PROJECTOR WXGA WIDESCREEN		**CP**		**1/28/2013**	**1,500**
COMPUTER MACINTOSH		**CP**		**2/7/2012**	**2,000**
PROJECTOR BOXLIGHT		**CP**		**2/13/2013**	**1,200**
PROJECTOR BOXLIGHT		**CP**		**2/13/2013**	**1,200**
COMPUTER LAPTOP MACINTOSH		**CP**		**3/18/2012**	**2,500**
COMPUTER LAPTOP MACINTOSH		**CP**		**5/5/2012**	**1,500**
COMPUTER DELL SERVER		**CP**		**5/14/2012**	**7,500**
COMPUTER DELL SERVER		**E**		**5/14/2012**	**10,000**
COMPUTER LAPTOP DELL		**CP**		**7/18/2012**	**2,000**
COMPUTER LAPTOP DELL		**CP**		**7/18/2012**	**2,000**
COMPUTER LAPTOP DELL		**CP**		**7/25/2012**	**2,000**
COMPUTER LAPTOP MACINTOSH		**CP**		**7/28/2012**	**3,000**
COMPUTER LAPTOP DELL		**CP**		**7/25/2012**	**2,000**
COMPUTER LAPTOP MACINTOSH		**CP**		**7/28/2012**	**3,000**
VISUAL PRESENTER ELMO		**CP**		**8/29/2013**	**1,200**
COMPUTER LAPTOP DELL		**CP**		**9/3/2012**	**1,200**
COMPUTER LAPTOP DELL		**CP**		**9/3/2012**	**1,200**
COMPUTER LAPTOP DELL		**CP**		**9/3/2012**	**1,200**
COMPUTER LAPTOP DELL		**CP**		**9/3/2012**	**1,200**
COMPUTER LAPTOP DELL		**CP**		**9/3/2012**	**1,200**
COMPUTER LAPTOP DELL		**CP**		**9/3/2012**	**1,200**
COMPUTER DELL		**CP**		**9/3/2012**	**2,200**
TELEVISION SAMSUNG 46 INCH W/ STAND		**CP**		**9/5/2013**	**1,800**
VISUAL PRESENTER SONY		**CP**		**10/9/2013**	**2,500**
TELEVISION SONY		**CP**		**10/14/2013**	**1,800**
TELEVISION SONY 52 INCH HD LCD		**CP**		**10/28/2013**	**1,800**
COMPUTER LAPTOP MACINTOSH		**CP**		**11/2/2012**	**2,000**
PROJECTOR BOXLIGHT		**CP**		**12/5/2013**	**1,400**

COMPUTER DELL		**CP**		**12/11/2012**	**1,500**
COMPUTER DELL		**CP**		**12/11/2012**	**1,500**
COMPUTER DELL		**CP**		**12/11/2012**	**1,500**
COMPUTER DELL		**CP**		**12/11/2012**	**1,500**
COMPUTER DELL		**CP**		**12/11/2012**	**1,500**
COMPUTER DELL		**CP**		**12/11/2012**	**1,500**
COMPUTER DELL		**CP**		**12/11/2012**	**1,500**
COMPUTER LAPTOP MACINTOSH		**CP**		**12/24/2012**	**1,600**
LENS CANON TELEPHOTO ZOOM		**CP**		**1/9/2014**	**1,000**
TELEVISION SONY 52-INCH LCD HD		**CP**		**1/31/2014**	**1,800**
VISUAL PRESENTER ELMO		**CP**		**2/3/2014**	**2,500**
COMPUTER MACINTOSH		**CP**		**2/5/2013**	**4,000**
COMPUTER LAPTOP MACINTOSH		**CP**		**2/5/2013**	**1,600**
COMPUTER LAPTOP MACINTOSH		**CP**		**2/5/2013**	**1,600**
COMPUTER LAPTOP MACINTOSH		**CP**		**2/5/2013**	**1,600**
COMPUTER LAPTOP MACINTOSH		**CP**		**2/5/2013**	**1,600**
VISUAL PRESENTER ELMO		**CP**		**2/10/2014**	**2,500**
COMPUTER MACINTOSH		**CP**		**2/12/2013**	**2,000**
PROJECTOR BOXLIGHT		**CP**		**2/25/2014**	**1,200**
PROJECTOR BOXLIGHT		**CP**		**2/25/2014**	**1,200**
TELEVISION SONY 52-INCH		**CP**		**2/27/2014**	**1,800**
TELEVISION SONY 52-INCH		**CP**		**3/7/2014**	**1,800**
TELEVISION SONY 52-INCH		**CP**		**3/11/2014**	**1,800**
TELEVISION SONY 52-INCH		**CP**		**3/11/2014**	**1,800**
TELEVISION SONY 52-INCH		**CP**		**3/11/2014**	**1,800**
COMPUTER MACINTOSH		**CP**		**3/13/2013**	**2,000**
COMPUTER MACINTOSH		**CP**		**3/13/2013**	**2,000**
COMPUTER MACINTOSH		**CP**		**3/13/2013**	**2,000**
COMPUTER MACINTOSH		**CP**		**3/13/2013**	**2,000**
COMPUTER MACINTOSH		**CP**		**3/13/2013**	**2,000**
COMPUTER MACINTOSH		**CP**		**3/13/2013**	**2,000**
COMPUTER MACINTOSH		**CP**		**3/13/2013**	**2,000**
COMPUTER MACINTOSH		**CP**		**3/13/2013**	**2,000**
COMPUTER MACINTOSH		**CP**		**3/13/2013**	**2,000**
COMPUTER MACINTOSH		**CP**		**3/13/2013**	**2,000**
COMPUTER MACINTOSH		**CP**		**3/13/2013**	**2,000**
COMPUTER MACINTOSH		**CP**		**3/13/2013**	**2,000**
TOTAL STATION REFLECTORLESS NIKON		**E**		**3/13/2014**	**7,000**
DATA COLLECTOR W/ BUILT IN GPS		**CP**		**3/13/2014**	**4,000**

VIDEO TELECONFERENCING SYSTEM		**CP**		**3/18/2014**	**12,500**
TELEVISION SONY 52-INCH		**CP**		**3/23/2014**	**1,800**
TELEVISION SONY 52-INCH		**CP**		**3/23/2014**	**1,800**
TELEVISION SONY 52-INCH		**CP**		**3/23/2014**	**1,800**
PROJECTOR BOXLIGHT		**CP**		**3/30/2014**	**1,200**
VISUAL PRESENTER ELMO		**CP**		**4/10/2014**	**2,500**
PROJECTOR BOXLIGHT		**CP**		**4/21/2014**	**1,200**
LENS NIKON		**CP**		**5/6/2014**	**1,200**
VIDEO CONFERENCING BRIDGE		**E**		**6/1/2014**	**80,000**
VIEWSTATION FX H.323		**CP**		**6/22/2014**	**12,500**

CHART 3: BUDGET REQUESTS

Describe Item	Biennium Request – 1st Yr. 2011-2012	Biennium Request – 2nd Yr. 2012-2013	Reallocation of Funds and/or Positions	X Amt. Line Item
Director	X		NO	$75,000
Coordinators (2)	IT Coordinator, APT B or C	Media Coordinator, APT B or C	NO	$60,000 Each
APT Ed Specialist		X	NO	$45,000
Media Specialist (2 Hilo, 0.5 WH)	Media Spec Hilo	Media Spec Hilo Media Spec WH 0.5	NO	$45,000
IT Specialist (0.5 Hilo, 0.5 WH)	IT Specialist (0.5 Hilo)	IT Specialist (0.5 WH)	NO	$25,000 ea
IT Specialist Server Administrator		X	NO	$50,000
IT Specialist Network Management	X		NO	$50,000
20,000 ft^2 Bldg		X		TBA
Additional Resources	X			$700,000
Professional Development	X			$100,000
Vehicles	Van	Sedan		$60,000 for 2 vehicles