



# **PIEDMONT COMMUNITY COLLEGE TECHNOLOGY PLAN 2008-2013**

## **TECHNOLOGY COMMITTEE**

**Academic Computing Support Technician (2)**

**Computer Faculty**

**Continuing Education, Faculty/Staff**

**Coordinator, Distance Learning**

**Coordinator, Server/Network Administration**

**Dean, Business & Emerging Technologies**

**Dean, Learning Resources Centers**

**Dean, Student Development**

**Director, Research & Institutional Effectiveness**

**Faculty**

**Vice President, Administrative Services**

**Graphic Designer/Website Technician**

**At Large - Caswell**

**At Large - Person**

**Chair**

**Director, Management Information Services**

**Lucas Porter**

**Edna Brown**

**Donna Smith**

**Kelly Schelin**

**Libbie McPhaul-Moore**

**Earl Stenlund**

**Sherry Stewart**

**Gretchen Bell**

**Lee Proctor**

**Tina Bryant-Allen**

**Mac McCormick**

**Robert Simons**

**Kevin Tyburski**

**Daniel Powers**

**Adelaide Beeker**

**Phil Hille**

# ANNUAL TECHNOLOGY TASKS / GOALS (Shaded Grey)



## 2008-2009

YEAR	ITEM	ACTIVITY	INFORMATION	DISCUSSION	ACTION
	A	Schedule Replacement of "aging" Computer Workstations Annually	Replace between 25 and 50 computer workstations annually. Do in concert with the budget process.	33 computers for WFD 28 computers for C-105	complete
	B	Renovate and Upgrade Film and DEAT Technology	Film Technology and Digital Effects and Animation programs will require annual upgrading and improvement of equipment.	In progress	complete
	C	Continue Integration of Instructional Technologies in the Classroom	Review changing educational technology for inclusion into the teaching environment , (Printers, wireless, LCD Projectors, etc.)	In progress	complete
	D	Review Software Updates and Upgrades	Specifics based on software needs. Investigate new and upgraded software options.	In progress	complete

	<b>E</b>	<b>Assess Server Performance and Schedule Replacements</b>	<b>Growing use of servers to support current programs and implement new systems require assessment for ALL servers in use to insure they maintain reliability.</b>	<b>e-mail server is over 5 years old. Key component in meeting school needs.</b>	<b>Replaced e-mail server January 2009</b>
<b>2008 – 2009</b>	<b>F</b>	<b>Digital Phone Service II</b>	<b>Replacement/upgrade of phone system/service to allow Voice IP (telephone over the network) to provide dynamic phone service to the campuses of PCC. ESTIMATED COST \$50,000.</b>	<b>Phase 2: To add additional phones to VoIP</b>	<b>On hold until 2011 – 2012 budget year</b>
	<b>G</b>	<b>Informational Systems Infra-Structure for Renovated Building, Person Campus</b>	<b>Upgrade adding additional fiber-optic circuits between Buildings A, B, C, D, E, F, G, connecting to H. Provides redundancy to all buildings and jumping off points to new buildings. Supports Digital Phone Service.</b>	<b>Requires bid process through state ITS. This process has been moved from P&amp;C.</b>	<b>Completed bid specification for ITS.</b>
	<b>H</b>	<b>Gas Powered Generator for Building A (Business Continuity Item)</b>	<b>Building A supports a large portion of our technology infrastructure (telephones, internet, intranet, servers, etc.). Any significant loss of power to building will cripple PCC. Providing emergency power to building A, PCC can continue to provide DL, business services, telephone, BlackBoard, Datatel in the event of a power interruption</b>	<b>Keeping Building A powered during a power failure</b>	<b>Get Quotes for 2009-2010 budget.</b>
<b>2008 – 2009</b>	<b>I</b>	<b>Business Continuity: backup Datatel server on Caswell campus</b>	<b>Provide a mirrored Datatel Server on the Caswell campus for a remote backup Datatel server in case of main server failure.</b>	<b>A small Datatel server is all that is needed to continue operations</b>	<b>Delayed: Budget</b>

2008 – 2009	J	<b>Controls for Internet Content and/or Bandwidth Management</b>	<b>Provides control for internet access for students and/or bandwidth management for other services.</b>	<b>Deciding which is more important: student access control or bandwidth control</b>	<b>Budget in place to support one of these. Pending BID</b>
	K	<b>Content Management System</b>	Provides content management tools for web management. Part of the PCC Web re-design	Research shows several CMS products available. Recommending an open source solution	<b>Additional funding needed for specific modules</b>
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## 2009-2010

YEAR	ITEM	ACTIVITY	INFORMATION	DISCUSSION	ACTION
	A	Schedule Replacement of "Aging" Computer Workstations Annually	Replace between 25 and 50 computer workstations annually. Do in concert with the budget process.	In progress	complete
	B	Renovate and Upgrade Film and DEAT Technology	Film Technology and Digital Effects and Animation programs will require annual upgrading and improvement of equipment.	In progress	complete
	C	Continue Integration of Instructional Technologies in the Classroom	Review changing educational technology for inclusion into the teaching environment, (Printers, wireless, LCD Projectors, etc.)	In progress	complete
	D	Review Software Updates and Upgrades	Specifics based on software needs. Investigate new and upgraded software options.	In progress	complete
	E	Assess Server Performance and Schedule Replacements	Growing use of servers to support current programs and implement new systems require assessment for ALL servers in use to insure they maintain reliability	Using Virtual Machines	In Progress
	F				

	<b>G</b>				
	<b>H</b>				

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# 2010-2011

<b>YEAR</b>	<b>ITEM</b>	<b>ACTIVITY</b>	<b>INFORMATION</b>	<b>DISCUSSION</b>	<b>ACTION</b>
	<b>A</b>	<b>Schedule Replacement of "Aging" Computer Workstations Annually</b>	<b>Replace between 25 and 50 computer workstations annually. Do in concert with the budget process.</b>	<b>In progress</b>	<b>complete</b>
	<b>B</b>	<b>Renovate and Upgrade Film and DEAT Technology</b>	<b>Film Technology and Digital Effects and Animation programs will require annual upgrading and improvement of equipment.</b>	<b>In progress</b>	<b>complete</b>
	<b>C</b>	<b>Continue Integration of Instructional Technologies in the Classroom</b>	<b>Review changing educational technology for inclusion into the teaching environment, (Printers, wireless, LCD Projectors, etc.)</b>	<b>In progress</b>	<b>complete</b>
	<b>D</b>	<b>Review Software Updates and Upgrades</b>	<b>Specifics based on software needs. Investigate new and upgraded software options.</b>	<b>In progress</b>	<b>complete</b>
	<b>E</b>	<b>Assess Server Performance and Schedule Replacements</b>	<b>Growing use of servers to support current programs and implement new systems require assessment for ALL servers in use to insure they maintain reliability.</b>	<b>Using Virtual Machines</b>	<b>In Progress</b>

2008 – 2009	F	Digital Phone Service II	Replacement/upgrade of phone system/service to allow Voice IP (telephone over the network) will provide dynamic phone service to the campuses of PCC. ESTIMATED COST \$50,000.	Phase 2: To add additional phones to VoIP (County Funded)	On hold until FY 2012 budget year
	G	Move to Exchange E-mail system	State mandate to discontinue use of Groupwise	Overall cost reduction. Have license MS Exchange server	In Progress
	H	Change printer acquisition procedure	Move to area printers instead of desktop printers	Cost reduction of having many different printer cartridges	In progress Further discussion needed
	I	Document Imaging by SoftDocs	Change to paperless office in student development	1. Financial Aid 2. Student records	Pending funding

# 2011-2012

<b>YEAR</b>	<b>ITEM</b>	<b>ACTIVITY</b>	<b>INFORMATION</b>	<b>DISCUSSION</b>	<b>ACTION</b>
	<b>A</b>	<b>Schedule Replacement of "Aging" Computer Workstations Annually</b>	<b>Replace between 25 and 50 computer workstations annually. Do in concert with the budget process.</b>	<b>In progress</b>	<b>complete</b>
	<b>B</b>	<b>Renovate and Upgrade Film and DEAT Technology</b>	<b>Film Technology and Digital Effects and Animation programs will require annual upgrading and improvement of equipment.</b>	<b>In progress</b>	<b>complete</b>
	<b>C</b>	<b>Continue Integration of Instructional Technologies in the Classroom</b>	<b>Review changing educational technology for inclusion into the teaching environment, (Printers, wireless, LCD Projectors, etc.)</b>	<b>In progress</b>	<b>complete</b>
	<b>D</b>	<b>Review Software Updates and Upgrades</b>	<b>Specifics based on software needs. Investigate new and upgraded software options.</b>	<b>In progress</b>	<b>complete</b>
	<b>E</b>	<b>Assess Server Performance and Schedule Replacements</b>	<b>Growing use of servers to support current programs and implement new systems require assessment for ALL servers in use to insure they maintain reliability.</b>	<b>Using Virtual Machines</b>	<b>In Progress</b>

2008 – 2009	F	Digital Phone Service II	Replacement/upgrade of phone system/service to allow Voice IP (telephone over the network) will provide dynamic phone service to the campuses of PCC. ESTIMATED COST \$50,000.	Phase 2: To add additional phones to VoIP (County Funded)	On hold until FY 2012 budget year
	G	Document Imaging with SoftDocs	Business office	1. AP 2. PU 3. HR	Upon completion of Imaging for Student Services and funding
	H	E-Commerce for WebAdvisor	Waiting for Datatel patches	Look for completion in summer 2011	Waiting for System office to release patches
	I	Web User Interface	Web UI for TEST account complete	Web UI for production (4.2) pending installation.	Waiting for System office to release patches

## 2012-2013

<b>YEAR</b>	<b>ITEM</b>	<b>ACTIVITY</b>	<b>INFORMATION</b>	<b>DISCUSSION</b>	<b>ACTION</b>
	<b>A</b>	<b>Schedule Replacement of “Aging” Computer Workstations Annually</b>	<b>Replace between 25 and 50 computer workstations annually. Do in concert with the budget process.</b>	<b>In progress</b>	<b>complete</b>
	<b>B</b>	<b>Renovate and Upgrade Film and DEAT Technology</b>	<b>Film Technology and Digital Effects and Animation programs will require annual upgrading and improvement of equipment.</b>	<b>In progress</b>	<b>complete</b>
	<b>C</b>	<b>Continue Integration of Instructional Technologies in the Classroom</b>	<b>Review changing educational technology for inclusion into the teaching environment, (Printers, wireless, LCD Projectors, etc.)</b>	<b>In progress</b>	<b>complete</b>
	<b>D</b>	<b>Review Software Updates and Upgrades</b>	<b>Specifics based on software needs. Investigate new and upgraded software options.</b>	<b>Using Virtual Machines Cost benefit</b>	<b>In Progress</b>

	<b>E</b>	<b>Assess Server Performance and Schedule Replacements</b>	<b>Growing use of servers to support current programs and implement new systems require assessment for ALL servers in use to insure they maintain reliability.</b>		
<b>2008 – 2009</b>	<b>F</b>	<b>Digital Phone Service II</b>	<b>Replacement/upgrade of phone system/service to allow Voice IP (telephone over the network) will provide dynamic phone service to the campuses of PCC. ESTIMATED COST \$50,000.</b>	<b>Phase 2: To add additional phones to VoIP (County Funded)</b>	<b>On hold until FY 2012 budget year</b>
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	<b>H</b>				
	<b>I</b>				