

4/13/2015

## Integrated Technologies Services Strategic Plan

### *Southwestern Oregon Community College Mission*

Southwestern Oregon Community College supports student achievement by providing access to lifelong learning and community engagement in a sustainable manner

### *Southwestern Oregon Community College Core Themes*

Learning and Achievement

Access

Community Engagement

Sustainability

### *Integrated Technology Services Mission*

To support the college mission and Strategic Plan for Integrated Technology Services by developing, coordinating, and supporting the use of technology to enhance learning opportunities

### *Lab and Classroom Mission*

To support the college mission and Strategic Plan for Integrated Technology Services lab and classroom technology by developing, coordinating, and supporting the use of technology to enhance classroom and lab learning opportunities.

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<b>Year</b>	<b>Core Theme</b>	<b>Plan</b>	<b>Strategy</b>	<b>Rationale</b>	<b>Cost</b>	<b>Funding Sources</b>	<b>Status</b>
2010	Access	A1	Sound Room for recording online content	A quality recording environment is needed to support the increased use of hybrid and distance learning for audio and video content.	\$ 10,000	General Fund or Title III	Complete
2010	Sustainability	S2	Accreditation Software Nuventive TracDat	manages the entire assessment process, across the system, institution and also at the department and individual level. Process application for managing continuous improvement throughout the college using SQL to drill down from institution level all the way to course or unit level.	\$ 32,200	Title III	Complete
2010	Sustainability	S2	Atomic Learning	Implement customer Atomic Learning modules	\$ 4,000	purchased	Complete
2010	Sustainability	S2	Implement LabTrac	Part of the One Card system benefit is to implement card swipe student lab entry.	\$ 3,000	Title III	Complete
2010	Sustainability	S2	20M bandwidth to Brookings	VOIP and IPV must have at least a 10M pipe to function.	\$ 7,000	General Fund	Complete
2010	Sustainability	S2	16/2M bandwidth to Gold Beach	DSL no longer able to support the GB classrooms and IPV.	\$ 1,200	General Fund	Complete
2010	Community Engagement	CE2	Student newspaper online	Install and configure linux server running WordPress	\$ -		Complete
2010	Sustainability	S1	Implement Pcounter for printing in student labs	This is part of the One Card system to control costs and help reduce printed documents.	\$ 4,200	Title III	Complete
2010	Sustainability	S2	Voicemail Server Upgrade	Current voicemail system is failing. A new system must be installed before the old one fails completely.	\$ 40,000	General Fund	Complete
2010	Sustainability	S2	Fire Suppression System	There is no fire suppression system in the server room or the switch room. There isn't a smoke detector in either room. A fire in either location could disrupt operations for an extended length of time. We must protect the resources we have.	\$ 34,000	General Fund	Complete
2010	Access	A2	Implement Print Server	Print processes are uncontrolled for network printers. Establishing a print server would allow publishing printer availability, allow auditing usage and control access.	\$ -		Complete

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2010	Sustainability	S2	Selection new ERP	Our current ERP, Colleague is too complex and too expensive to maintain. The plan is to write and RFP to find out if purchasing and implementing a new system is feasible.	\$ -		Complete
2010	Sustainability	S2	Upgrade electrical and cooling capacity of the server and switch rooms	We have added many new services for students, faculty and staff since the original design of the server and switch rooms. We no longer have the electrical and cooling capacity to add additional equipment. Our current 25Kw generator and ups will not run the HVAC system for these rooms.	\$ 50,000	General Fund	Complete
2011	Access	A2	One Card System	For student needs and to improve accountability, acquire and implement a one card system.	\$ 65,000	Title III year five	Complete
2011	Access	A1	Mobile Apps	Implement mobile apps	\$ -		In Process
2011	Access	A2	Custom online Training	Write custom training to upload to Atomic Learning for staff and students	\$ -		On-going
2011	Access	A2	eCatalog software	An on-line e-Catalog system will better support students, advisors, and staff because of the accuracy, accessibility, and process simplification.	\$ 33,000	General Fund	not funded
2011	Sustainability	S2	Implement E911	E-911 system will alert Public Safety to the callers location whenever a 911 call is made from campus.	\$ 30,000	General Fund	Completed
2015	Sustainability	S2	Systems Center Configuration Manager	allows system administrator to manage software deployment, version updates, recall	\$ 8,000	General Fund	In Process
2011	Sustainability	S2	Brookings Campus and unified communications	Implement VoIP, switches, wireless, security, and safety technology in new Curry Campus	\$ 150,000	Curry Fund	Complete

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2011	Sustainability	S2	Server Replacement Plan	The server and switch replacement plan allows for the fiscal management of the server and switch lifecycle. The plan assures the college software and network work at optimum functionality and are replaced before failure or EOL maintenance agreements.	\$ 40,000	Working with virtual opportunities to add this to the ITS replacement budget.	Complete
2011	Sustainability	S2	Purchase Jenzabar Servers	The server needed to support Jenzabar will be used for SQL and IIS, the database and the web servers for the portals and LMS.	\$ 56,000	General Fund	Complete
2011	Sustainability	S2	Campus wide document imaging System	A document imaging and management system can file, route, track, archive and manage all of your incoming and outgoing documents.	\$ 96,000	Title III Grant	Complete
2011	Sustainability	S2	Replace HVAC in server room with green solution and Energy Trust	Server room HVAC is no longer adequate for the modern High density rack servers. Directed air handling must be done to protect the college server infrastructure. The current system is over ten years old. A failure would shut down the college.	\$ 33,000	General Fund and Energy Trust funds	Complete
2011	Sustainability	S2	Email Archive appliance	Compliance appliance for email archiving and retrieval.	\$ 12,500	General Fund	Completed
2011	Sustainability	S2	Bring Brookings campus infrastructure online	Plan the move of the phone and data lines from the old location to the new building.	\$	General Fund	Complete
2011	Access	A2	Office 2010 rollout	A college must offer the most up to date technology available. Equip Student Labs, Faculty and Staff with the latest operating system and office suite.	\$ -	General Fund	In Process
2011	Access	A2	Promote student use of SkyDrive	Student email accounts include a personal storage space of 15Gig. This is at no cost to the college and should be promoted to the students.	\$ -		In Process
2012	Sustainability	S2	Exchange 2010	Upgrade the current email platform to Exchange 2010.	\$ 15,000	General Fund	Complete

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2012	Sustainability	S2	Implement Jenzabar ERP	Jenzabar was chosen as the College's new Administrative ERP system. The 'go live' date is the middle of July 2012	\$ 1,000,000	General Fund	Complete
2012	Sustainability	S2	Disaster Recovery / Emergency Planning	Coordinate with county emergency planning agencies for large scale disasters			Planning
2013	Sustainability	S2	Unified Communications	With the completion of Curry campus, have unified VoIP, integrated network and wireless.	\$ 87,000	General Fund	Curry Campus completed
2012	Sustainability	S2	Computer Equipment Replacement Plan	The computer replacement plan allows the fiscal management of the pc lifecycle. The plan assures the faculty, staff and labs are equipped with up to date hardware and that no pc has been in service more than 5 years.	\$ 455,400	General Fund and Grants	Budget restrictions- no replacement requirement
2016	Sustainability	S2	Virtual Workstations	Network upgrade followed by virtual workstations	\$ 25,000	General Fund	Hold
2013	Sustainability	S2	Network Monitor	Upgrade the current network monitoring tools. Increasing network traffic and the demands on the infrastructure need to be managed to provide a quality experience for Students, Faculty and Staff.	\$ 40,000	General Fund	Budget restraints mean no replacement requirement
2012	Access	A2	Video Recording Studio	The College plans to video record the annual report and the athletic and other streaming events will have college produced advertising. To do all this, we will need a video recording studio.	\$ 20,000	General Fund	Planning
2012	Access	A2	JICS Mobile	Students will be able to look at their class schedule, blog, use their calendar, look at course assignments, and many other functions after installing JICS togo	\$ -		in process. Implemented not advertised.
2013	Sustainability	S2	Web Assistant	Hire a Part time web assistant to work with Web System Administrator keep college web pages current	\$ 28,000	General Fund	on hold
2013	Sustainability	S2	Media Services Tech	Hire a 10-19 hour technician to assist with streaming event.	\$ 20,000	General Fund	on hold

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2013	Sustainability	S2	PC Technician	Hire a 10-19 hour technician to assist the PC technicians, media services technicians and lab aides.	\$ 20,000	General Fund	on hold
2012	Sustainability	S2	Meeting Schedule software like EMS	An option for scheduling meetings would be to purchase meeting schedule software. The software would function better than previous attempts and would integrate with Jenzabar class scheduling.	\$ 33,000	General Fund	not funded
2015	Sustainability	S2	RFID Inventory System	Inventory control has always been a problem at the college. An RFID inventory system using RFID tags and technology would streamline the process and help keep the inventory accurate.	\$ 15,000	General Fund	not funded
2013	Access	A2	Crestron for Coos Campus	Install crestron media control and wiring for the Coos Campus. This will allow better delivery of media content to instructors.	\$\$	General Fund	not funded
2013	Sustainability	S2	Hosted web site	Move the college main web site to a hosted service. This would save energy and provide disaster recovery.	\$ 1,500	General Fund	In Process
2013	Sustainability	S2	OCCI.net Hosted web site	Move the college occi.net web site to a hosted service. This would save energy and provide disaster recovery.	\$ 500	General Fund	In process
2013	Sustainability	S2	Co-Location server	Dell Microsoft servers host all the college academic and business data. This is a very robust server with built in redundancy; it is also a single point of failure. If this server fails for any reason, we would be unable to access any Jenzabar, JICS, payroll, or student records. Having a hot standby server in a different location would allow the college's business to continue uninterrupted in the event the primary server fails.	\$ 40,000	General Fund	not funded

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2013	Sustainability	S2	Replace Core switch and Upgrade Wireless Network to 802.11N	The new speed and range increase will allow improved access to resources for the Southwestern community. New students will be arriving with laptops equipped to use the new 802.11n wireless devices.	\$ 110,000	Curry FFE partial and CASE Grant and GF	Wireless upgrade Complete
2013	Sustainability	S2	Upgrade network to 10G	Upgrading the College network from 1G to 10G would enhance students and staff working environment.	\$ 460,000	Lease	Complete
2013	Access	A2	Testing Center	Provide Pearson View Certified Testing Center	\$	Case	Complete
2013	Access	A2	ePortfolio System	Students can create and customize portfolios for academic, career, or personal uses; maintain their plan of study; and share their work, goals, and achievements with advisors, career counselors, and employers. Faculty, departments, and institutions can create portfolio assignments linked to scoring rubrics. Assessment committees can randomly select portfolios, score them with rubrics, and generate assessment reports.	\$ 25,000	General Fund	on hold
2013	Access	A2	Mobile 30-laptop cart	The chemistry department requests 30 laptops for use in chemistry labs	\$ 40,000	General Fund	not funded
2013	Access	A2	Finish Line	Finish Line is the learning management system module of Jenzabar. Implementation of the module will help retain students and help them complete.	\$ -		on Hold
2014	Sustainability	S2	Equipment Reserve fund	Network equipment purchased in 2013 will need to be replaced in 2019. Set aside \$90,000/year for 6 years	\$ 90,000	General Fund	not funded
2014	Access	A1	4 IPV systems	Demand for IPV instruction has increased. Four more mobile IPV systems need to be purchased for outreach and Curry.	\$ -	Grant	1 purchased

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2014	Sustainability	S2	Micro cell transmitters	Install micro cell transmitters on Curry Campus to improve cellular coverage.	\$ 12,000		not funded
2014	Sustainability	S2	EMS Campus	EMS Campus will integrate with Jenzabar and provide state-of-the art event scheduling with online self-serve reservations.	\$ 30,000	General Fund or grant	not funded
2014	Sustainability	S2	Re Distribute Job functions for retiring Director	Restructure and Redistribute job functions to ITS MASSC employees. Add additional duties to existing workload.	\$ 45,000	This would provide a net savings of \$20,000 from our current salary budget General Fund	Cut from budget
2015	Access	A2	Smart Classroom Controller	100% of the college classrooms have multi-media devices. Many are 'smart classrooms'. A controller will make it possible for the technician to support the classrooms from one location.	\$ 200,000	Grant	not funded
2015	Sustainability	S2	Video Security system	The college needs a centralized, standardized video security system for the safety and security of the staff and students.	\$ 250,000	Grant	not funded
2015	Sustainability	S2	Digital PRI's	Move from copper trunks to digital	\$ 20,000	General Fund	ROI quick payback estimated 6 months
2015	Access	A2	Display Screens	To enhance our emergency systems, install display screens in every building for campus notification.	\$ 35,000	Grant	not funded