

Goal Area	2014 Goal Area Priority	2011-15 Tech Plan Action Item ID	Action Item	Start Year	Finish Year	Lead Manager	Responsible Unit(s)
A	0	0	STUDENT ACCESS: Provide secure student access to learning resources and support services for all college locations	2011	2015		
A	1	A.3.a	Conduct an annual prioritization process to determine which student computer labs should be replaced, reissued, or removed for the following school year based upon the age of the computers and program review plans using project management tools.	2011	2015	Director of Institutional Technology	Institutional Technology Committee (ITC) in collaboration with the Academic Technology Committee (ATC), Institutional Technology
A	2	A.3.b	Develop and implement new policies and procedures for installing updated software in student computer labs using project management reporting tools.	2013	2014	Director of Institutional Technology	ITC in collaboration with the ATC, Institutional Technology
A	3	A.1	Develop and implement new student user accounts for access to wireless, lab computers and online courses.	2013	2014	Director of Institutional Technology	Institutional Technology, ITC in collaboration with ATC
A	4	A.6.a A.6.b	Pilot options for student access to cloud-based or virtual learning environments from lab computers -- implement if successful pilot.	2013	2014	Director of Institutional Technology	Institutional Technology Committee (ITC) in collaboration with the Academic Technology Committee (ATC), Institutional Technology.
A	5	D.1.n	Review and implement Self Service Copier Card Reader by which access to SWC's self-service copiers is controlled. <i>We need more information about this item.</i>	2012	2014	Dean of Instructional Support Services	Instructional Support Services, Institutional Technology

Goal Area	2014 Goal Area Priority	2011-15 Tech Plan Action Item ID	Action Item	Start Year	Finish Year	Lead Manager	Responsible Unit(s)
B	0	0	INSTRUCTIONAL TECHNOLOGY: Support the success of all students through the development of instructional technologies, including the delivery of instructional media for use on- and off-campus and Institutional Research. Instructional materials must meet the electronic and information technology accessibility requirements of Section 508, comply with applicable federal and state laws, and embrace Universal Design.	2011	2015		
B	1	B.1.b A.4.c	Provide a comprehensive support system to meet the needs of instructors who are teaching online or preparing to teach online and ensure that online resources are accessible for all students. Provide support to instructional departments or divisions if they elect to develop fully online certificate or degree programs	2011	2015	Dean of Instructional Support Services	Instructional Support Services Staff Development Recommendations from ATC, ITC, OLC, OSS
B	2	B.1.c G.3.b B.1.a	Hire digital content media support staff . Hire staff to support faculty in creation and posting of web pages on SWC Website. Provide additional support of faculty in the development of instructional media to be used on- or off-campus and ensure that media meet Universal Design [ADA/UDE] standards.	2011	2015	Dean of Instructional Support Services	Instructional Support Services Staff Development
B	3	B.2.a	Obtain input from faculty regarding instructional technology needs to better inform the ATC, ITC, Academic Senate and interested parties and improve planning.	2012	2014	ATC Chair, Academic Program Review Coordinator	Academic Senate, Institutional Research
B	4	B.4	Develop and implement new procedures for efficiently licensing and delivering copyrighted and captioned instructional media content to students on and off-campus; provide training for faculty and staff	2012	2014	Dean of Instructional Support Services	Instructional Support Services, Facilities, Institutional Technology, Disability Support Services

Goal Area	2014 Goal Area Priority	2011-15 Tech Plan Action Item ID	Action Item	Start Year	Finish Year	Lead Manager	Responsible Unit(s)
B	5	B.3	Develop a proposal to complete the installation of interdisciplinary new media systems and support in the classrooms, labs, and meeting rooms based on photo lab building.	2012	2014	ITC Co-chairs, Dean of Instructional Support Services	Instructional Support Services, ATC, Institutional Technology, Institutional Facilities Committee
B	6	B.2.b	Design a system to digitally capture, caption, and publish classroom lectures online .	2012	2015	Dean of Instructional Support Services	Instructional Support Services, ATC, Facilities, Institutional Technology

Goal Area	2014 Goal Area Priority	2011-15 Tech Plan Action Item ID	Action Item	Start Year	Finish Year	Lead Manager	Responsible Unit(s)
C	0	0	STUDENT SERVICES TECHNOLOGY: Develop, update, and implement Student Services information system and communication services.	2011	2015		
C	1	N/A	Implement New Student Admissions Application with OpenCCCApply	2013	2014	Supervisor of Systems and Programming	Admissions and Records, Programming
C	2	C.3.a D.1.q	Elucian Action Plan: Implement Degree Audit. Ongoing user-requested enhancements and changes to Degree Audit. See Dependency. Implementation of an Electronic Student Educational Plan (SEP) , e-Advising and Degree Audit reporting for the School of Counseling and Personal Development and Evaluations.	2013	2014	Dean of Counseling and Personal Development, Dean of Instructional Support Services	Student Affairs, Instructional Support Services, Institutional Technology
C	3	C.4.a C.4.b	Improvement to MIS data collection , verification and reporting processes. Continued adherence to mandated reporting requirements for external and internal agencies.	2011	2015	Director of Research	Research, Institutional Technology, MIS User Group, Data Owners, Data Stewards
C	4	C.3.c	Develop guidelines and protocols for communicating non-emergency information with all-students and subgroups of students that incorporate email and the use of social media.	2013	2014	Dean of Student Services	Student Services, Communications, Institutional Technology
C	5	C.3.d D.1.o	Develop online Continuing Education application and web registration. Develop and implement Continuing Education Module, placing non-credit training into the college's primary systems.	2011	2014	Dean of Instructional Support Services	Instructional Support Services, Continuing Education, Institutional Technology

Goal Area	2014 Goal Area Priority	2011-15 Tech Plan Action Item ID	Action Item	Start Year	Finish Year	Lead Manager	Responsible Unit(s)
C	6	C.1	Ongoing planning, scheduling, system preparation, testing, training, and consultation to support information technology in processing calendars for the Admissions Office , attendance accounting, and state reporting; this will also include online registration and training network schedules.	2011	2014	Dean of Student Services	Student Services, Instructional Support Services, Institutional Technology
C	7	D.1.e	Develop online forms for students to register for events or apply for services.	2011	2015	Supervisor of Systems and Programming	Institutional Technology
C	8	C.4.f	Implement online credit and non-credit positive attendance tracking (SARS).	2013	2015	Supervisor of Systems and Programming	Instructional Support Services, Institutional Technology
C	9	D.1.p	Ellucian Action Plan: Implement Campus Organization module to track support for student organizations.	2014	2015	Director of Student Activities	Student Activities, Institutional Technology
C	10	C.2.d	Implement Financial Aid Link to allow students to purchase books and supplies in real time prior to the start of each semester. See Dependency.	2013	2015	Director of Financial Aid	Bookstore, Financial Aid, Institutional Technology

Goal Area	2014 Goal Area Priority	2011-15 Tech Plan Action Item ID	Action Item	Start Year	Finish Year	Lead Manager	Responsible Unit(s)
D	0	0	CAMPUS COMPUTING: Develop and improve secure computing systems to increase institutional efficiencies and provide long-term support for campus computing needs.	2011	2015		
D	1	N/A	Elucian Action Plan: Payroll implementation in-house -- migration from county provided payroll services.	2013	2015	VP of Human Resources	Human Resources, Institutional Technology
D	2	D.3	Conduct an annual proposal process to replace 20-25% of faculty and staff computer systems each year.	2011	2015	Director of Institutional Technology	ITC in collaboration with ATC and IT
D	3	N/A	Develop a multi-tiered security strategy to protect access to sensitive data (e.g., student records, personal identities, etc.).	2012	2014	Director of Institutional Technology	Institutional Technology, ITC
D	4	N/A	Update the Acceptable Use Policy	2013	2014	Director of Institutional Technology	Institutional Technology Committee, Data Governance Work Group
D	5	D.1.a D.2.d	Develop an online application for program reviews (Instruction, Student Services, Administration) based on the new forms and processes; design for future integration with other college planning and resource allocation databases. Create and implement a web-based Program Review module.	2012	2015	Supervisor of Systems and Programming	Institutional Program Review Committee, Institutional Technology
D	6	D.6.a D.6.b D.6.c	Develop and implement improved processes and ongoing funding for institutional software licenses as determined by the ITC. Develop software library and license documentation to account for all copyrighted software installed on any college-owned computer/server.	2011	2015	Director of Institutional Technology	Institutional Technology, Purchasing, Instructional Support Services
D	7	N/A	Migrate eLumen from hosted to cloud solution	2013	2014	Director of Research	Research, Institutional Technology

Goal Area	2014 Goal Area Priority	2011-15 Tech Plan Action Item ID	Action Item	Start Year	Finish Year	Lead Manager	Responsible Unit(s)
D	8	D.5.b	Review, maintain, and upgrade existing pay-for-print system in computer labs	2011	2014	Dean of Instructional Support Services	Instructional Support Services
D	9	N/A	Elucian Action Plan: Implement new Institutional Reporting capability to access institutional data in data warehouse.	2013	2014	Supervisor of Systems and Programming	Institutional Technology
D	10	D.1.u	Elucian Action Plan: Develop Online Budget Development module and budget transfer processes.	2012	2014	Director of Finance	Finance, Institutional Technology
D	11	N/A	Elucian Action Plan: Implement Data Classification and Data Standards for restricted, internal and public data sources.	2013	2014	Director of Institutional Technology	Institutional Technology, Research, Data Governance Work Group
D	12	D.1.d	Develop, expand, and support SARS Suite applications (Track, Grid, Call, Alert, eSARS) for managing student appointments and tracking student services, tutorial FTEs via positive attendance in compliance with Title 5, and instructional hours at all campus locations.	2011	2015	Supervisor of Systems and Programming	Student Services, Instructional Support Services, Institutional Technology
D	13	NA	Elucian Action Plan: Migrate to SQL based Colleague . This will require replacing IBM servers and going from AIX to Microsoft Operating System and from Unidata to MS SQL.	2011	2015	Supervisor of Systems and Programming	Institutional Technology
D	14	D.1.i	Elucian Action Plan: Implement the Assignment Contract Tracking component of Datatel.	2012	2015	Director of Human Resources	Human Resources, Institutional Technology
D	15	D.2.c	Create and implement a course scheduling application that is web-based.	2011	2015	Dean of Instructional Support Services	Instructional Support Services, Institutional Technology

Goal Area	2014 Goal Area Priority	2011-15 Tech Plan Action Item ID	Action Item	Start Year	Finish Year	Lead Manager	Responsible Unit(s)
D	16	D.1.m	<u>Ellucian Action Plan:</u> Implement online benefits module.	2012	2014	Director of Human Resources	Human Resources, Institutional Technology
D	17	D.1.s	Organize and implement a campus wide Ellucian (Datatel) Colleague Users Group.	2011	2014	Director of Institutional Technology	Institutional Technology, Student Services, Research, Instructional Services, Finance
D	18	D.1.j	<u>Ellucian Action Plan:</u> Implement Time and Attendance Entry directly into the County Payroll system for hourly employees and many special assignments. SWC Human Resources Benefits module.	2012	2014	Director of Human Resources	Human Resources
D	19	D.1.h	<u>Ellucian Action Plan:</u> Develop Load Pay - changing formula for paying adjunct faculty from hourly to load-based	2012	2015	Director of Human Resources	Human Resources, Institutional Technology
D	20	D.1.k	<u>Ellucian Action Plan:</u> Develop and implement a new HRT electronic workflow process.	2012	2014	Director of Human Resources	Human Resources, Institutional Technology
D	21	D.1.f	Implement a resource scheduling application that integrates with Datatel Colleague to provide detailed information about room scheduling, inventory and space utilization	2011	2015	Direct of Purchasing	Purchasing, Institutional Technology

Goal Area	2014 Goal Area Priority	2011-15 Tech Plan Action Item ID	Action Item	Start Year	Finish Year	Lead Manager	Responsible Unit(s)
E	0	0	NETWORK INFRASTRUCTURE: Upgrade and maintain the network infrastructure to support comprehensive wireless, voice, video, and data communications with high availability and recoverability.	2011	2015		
E	1	E.1.a E.2.a	Implement an enterprise wireless network system throughout the district that is secure, scalable, robust and flexible enough to handle all of the mobile consumer devices that students and faculty bring to campus in growing numbers per the bring-your-own-device trend (BYOD). Replace the redundant network switches for the core network at the main distribution facility and at distribution racks. Upgrade the campus networks to support 1 to 10 GB to the desktop.	2011	2014	Director of Institutional Technology	Institutional Technology
E	2	E.4.c	Establish secure offsite storage of all backups and archive data files and develop processes for destroying data stored on old media.	2011	2014	Director of Institutional Technology	Institutional Technology
E	3	E.5	Develop a multi-tiered disaster recovery plan to restore access to critical information resources in case of a catastrophic outage	2011	2014	Director of Institutional Technology	Institutional Technology
E	4	E.1	Review of current physical and logical network design for the SWC network at all campus locations, focusing on high-availability/ high bandwidth data (wired/wireless), video, voice communications.	2011	2014	Director of Institutional Technology	Institutional Technology
E	5	E.3.a	Acquire, implement and monitor an enterprise level network monitoring and managing systems at all college locations; develop a service level agreement for network policies and monitoring	2011	2014	Director of Institutional Technology	Institutional Technology
E	6	E.6.a	Expand virtual servers to replace physical servers in the SWC domain (employee network); Virtual servers, consume less power and are more reliable and expandable than current servers. Expand virtual servers to offsite Centers.	2011	2014	Director of Institutional Technology	Institutional Technology

Goal Area	2014 Goal Area Priority	2011-15 Tech Plan Action Item ID	Action Item	Start Year	Finish Year	Lead Manager	Responsible Unit(s)
E	7	D.4	Develop and implement a new system for network access from off-campus that does not require the installation of client software; this authentication system will provide permission- level access to all authorized <u>network resources</u>	2011	2014	Director of Institutional Technology	Institutional Technology
E	8	E.3.c	Implement network bandwidth shaping to prevent one type of traffic, such as video, from overwhelming all other types of traffic such as web browsing	2011	2014	Director of Institutional Technology	Institutional Technology
E	9	E.2.c	Upgrade the electrical back-up system to provide power for important network services and related equipment in case of a sustained power outage.	2011	2015	Director of Institutional Technology	Institutional Technology, Facilities
E	10	E.4.b	Provide additional network storage space for employees; In the short-term, this can be accomplished through expanding the existing storage array. In the long-term, new storage technologies may be needed.	2011	2015	Director of Institutional Technology	Institutional Technology
E	11	E.4.a	Develop and implement a plan to identify and remove older data from the SWC network storage arrays onto a fixed storage medium for long-term archive.	2011	2015	Director of Institutional Technology	Institutional Technology
E	12	E.3.d	Explore and possibly implement a two-factor authentication method for staff and managers who have <u>access to sensitive data</u> .	2011	2015	Director of Institutional Technology	Institutional Technology

Goal Area	2014 Goal Area Priority	2011-15 Tech Plan Action Item ID	Action Item	Start Year	Finish Year	Lead Manager	Responsible Unit(s)
F	0	0	TECHNOLOGY SUPPORT: Provide ongoing training and technology support services to meet the needs of students, faculty, staff and managers.	2011	2015		
F	1	D.5.a	Develop and publish printer standards to govern the purchasing, installation, repair, supplies and support of office and lab printers (network and stand-alone) and purchase through the technology clearing house.	2011	2014	Computer Operations Supervisor	Purchasing, Institutional Technology
F	2	F.3.b	Provide ongoing training and cross-training for IT staff and management to increase their technical proficiencies and prepare them for emerging technologies.	2011	2015	Director of Institutional Technology	Institutional Technology, Staff Development
F	3	D.1.v	Develop various HEAT processes (Help Desk System). Upgrade the HEAT software.	2011	2014	Computer Operations Supervisor	Institutional Technology, Facilities
F	4	F.1 A.5.a D.2.b A.5.b	Develop Service Level Agreements (SLAs) for the Help Desks for all SWC locations. Collaboratively develop action plans and service level agreements [SLAs] with Student Services to provide new or enhanced online student support services (e.g., advising, counseling, enrolling, etc.). Develop service level agreements [SLAs] for the support of the various network applications that are used by different departments. Collaboratively develop action plans and service level agreements through ISS for providing new or enhanced online instructional support services (e.g., tutoring, test taking, e-books, digital support, etc.).	2012	2014	Director of Institutional Technology	Institutional Technology

Goal Area	2014 Goal Area Priority	2011-15 Tech Plan Action Item ID	Action Item	Start Year	Finish Year	Lead Manager	Responsible Unit(s)
F	5	D.2.a	Develop a service catalog for supporting users of integrated third-party applications	2011	2014	Supervisor of Systems and Programming	Institutional Technology
F	6	D.7	Development of policies, procedures, and guidelines for college-wide technology requests , usage, services and support to be included in the SWC Policies & Procedures manual as applicable	2011	2014	Director of Institutional Technology	ITC in collaboration with ATC and IT
F	7	F.3.a	Provide employee training workshops on-campus and online throughout the year	2011	2015	VP of Human Resources	Staff Development
F	8	F.4	Provide faculty and classified employee training workshops on-campus and online throughout the year	2011	2015	VP of Human Resources	Staff Development

Goal Area	2014 Goal Area Priority	2011-15 Tech Plan Action Item ID	Action Item	Start Year	Finish Year	Lead Manager	Responsible Unit(s)
G	0	0	DIGITAL COMMUNICATIONS: Develop and support multiple, digital, means of communication between the college, community, and all constituencies.	2011	2015		
G	1	N/A	Implement SharePoint for Committees and Departments and include metadata tags.	2012	2014	Director of Institutional Technology	Institutional Technology
G	2	G.2	Collaboratively develop and implement a project plan for best utilizing the district portal for college communications, student communications, online forms, etc.	2011	2015	Director of Institutional Technology	Student Services, Instructional Support Services, Institutional Technology
G	3	G.4	Provide additional audio and video conferencing resources to connect individuals/groups between all SWC locations using either software-based systems or new video conferencing units if needed; encourage the use of video-conferencing to reduce travel. <i>Need better definition of scope of this action item.</i>	2013	2015	Director of Facilities	Facilities, Institutional Technology
G	4	G.1.a	Establish district-wide system to unify communications for voice, email, and emerging technologies	2013	2015	Director of Institutional Technology	Institutional Technology
G	5	N/A	Offer student email accounts through Google or Microsoft with @swccd.edu? Wait for Student Portal recommendation?	2013	2015	Director of Institutional Technology	Institutional Technology, Student Services, Instructional Support Services, Communications
G	6	G.1.b	Implement a one-card system for universal access to all District services and transactions. (Is this still a goal in light of new Higher One financial services for students?)	2013	2015	Director of Institutional Technology	Institutional Technology

Goal Area	2014 Goal Area Priority	2011-15 Tech Plan Action Item ID	Action Item	Start Year	Finish Year	Lead Manager	Responsible Unit(s)
G	7	G.6	Create an emerging technology Special Interest Group (SIG) to apprise the Institutional Technology Committee of new developments to emerging technologies	2013	2015	Co-chairs of Institutional Technology Committee	Institutional Technology Committee