

College
General Technology Plan
Fiscal Year 2017

Technology Plan Completion Coordinator

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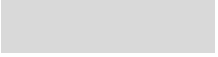
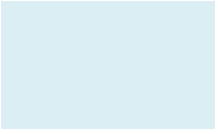
Instructional Expectations Completed by

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President: Dr. J. Mark Estepp
Date of Plan: 30-Jun-16

FY17 Technology Funding

ETF:	\$94,736
Technology Fee:	\$453,900
General Funds:	\$192,373
President's Choice:	\$94,736



College Technology Plan 2016-2017

The mission and guiding principles of the college are listed below.

Provide a clear statement of what the college does.

Southwest Virginia Community College, as a comprehensive institution of higher education, dedicates its services to area citizens. Believing that each person should be given an opportunity for continuing intellectual development, the College assumes responsibility as a catalyst in the life of the individual and the community. SWCC provides citizens the means for improving skills; expanding knowledge through cultural, aesthetic and global awareness; and encouraging economic development and responsible citizenship.

The college vision for the future is described below.

Provide a vivid picture of where the college leadership sees the college going in the near future.

Southwest Virginia Community College offers programs delivered via traditional classroom instruction, distance education (VDEN), internet base, and video which generally extend no more than two years beyond high school. To implement these broadly conceived purposes, the College provides many options: Occupational Technical Education, College Transfer Education, General Education, Developmental Education Courses, Continuing Education, and Specialized Workforce courses. SWCC will continue to be a catalyst for growth in our service region in intellectual and cultural programs. Southwest has an open access atmosphere that is student and community centered.

An “executive progress report” (progress overview of projects and initiatives from the previous year's Tech Plan) is describe below.

Provide an overview of the achievements of the college technology service area for the previous reporting period including unmet expectations from last year's technology plan, current challenges being faced, and the direction for the future.

SWCC successfully completed the migration of all users from MS Exchange on-premise to Office 365. SWCC has also implemented the Nexus Rapid 7 server and software that allows for vulnerability scanning. SWCC has implemented a campus-wide alert speaker system that is tied into the InformaCast paging system that allows alerts and messages to be broadcast across campus. SWCC is utilizing bit-locker full disk encryption on mobile computing devices. SWCC has also integrated EAD into our wireless networks and student labs to authenticate users.

SWCC is still in the process of setting up network storage to move critical users from local storage to network storage locations and also implementing an off-site backup storage solution. SWCC is also still in the process of working to setup virtualization of systems in certain areas. SWCC is also in the process of changing out our firewall to the new PA3050 firewall to meet VCCS requirements. SWCC will also be converting from DocStar to ImageNow in the coming year for document management.

Key college goals and associated technology projects are listed below.

Provide a list of key goals for the college and the associated projects to achieve these goals. These goals should be listed at the end of the Technology Plan with the associated operational requirement, project name, action, and expected costs.

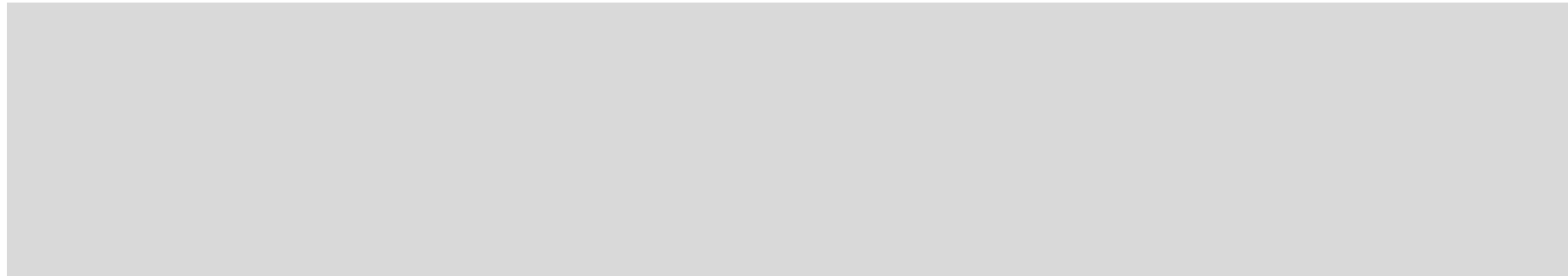
Goal 1: Full compliance with VCCS Security Standards and security documentation.

Goal 2: Participate in the Educause core data survey.

Goal 3: Southwest even with limited resources will try to stay on the leading edge of technology.

Goal 4: SWCC will convert existing documents from DocStar to ImageNow to comply with VCCS standards.

Goal 5: SWCC will update their Firewall to meet VCCS guidelines.



**College 2016-2017 Action Plan
to Achieve the Chancellor's Technology Expectations for the 2016-2018 Biennium**

Instructions for Completion:

OPERATIONAL Strategies - REQUIREMENT MET should be "Yes" or "No". If Yes, no response is required - if "No" provide action response and completion date.

GROWTH Strategies - PROJECT UNDERWAY should be "Yes" or "No". If "No", no further information required - if "Yes" provide additional information.

***** PLEASE INCLUDE INFORMATION ABOUT ANY (AND ALL) PROJECTS UNDERWAY - THIS WILL PROVIDE INFORMATION TO USE DURING TECH PLAN REVIEWS AND OTHER PUBLICATIONS *****

Technology Goal I									
Virginia's Community Colleges will take steps to ensure that the deployment and delivery of technology solutions can be effective, efficient, and able to support the goals of Complete 2021.									
* OPERATIONAL STRATEGIES									
* Requirements	Requirement Met	Project Name / Item Name	Action	Responsible Person	Start Date	End Date	Expected Costs	Priority	
* Information Technology Services – System Office (ITS-SO), in cooperation with the Colleges, will develop and maintain technology models, standards, and guidelines that clearly delineate the VCCS technology direction and related expectations for the Colleges and System Office, including:									
O-1.	Maintain a current list of all IT policies, standards and guidelines, and ensure they are reviewed and updated every two years or more often if needed to maintain relevant content.	No	Process Improvement	Work is underway to develop a list to be updated, determine the forum for making the documents available to the colleges, and creating templates for consistency.	J Davis	01-2012	Ongoing	None	High
O-2.	Complete a comprehensive technology review for each college, the System Office and the enterprise operations, using standards developed by multi-function and multi-college teams;	No	Process Improvement	Two colleges have been completed along with the System Office. Work has begun on determining the methodology, staff resources, and timeline to execute the remaining reviews.	J Davis	03-2015	12-2018	TBD	High
O-3.	Implement multi-directional communication strategies to convey and discuss results of reviews to better understand the contributions and costs of technology and to better align expectations with available resources.	No	Process Improvement		J Davis	10-2016	06-2018	None	Medium
* GROWTH STRATEGIES									
* Requirements	Project Underway?	Project Name / Item Name	Action	Responsible Person	Start Date	End Date	Expected Costs	Priority	
G-1.	Evaluate technology governance processes to ensure processes provide for timely, efficient, effective and mission-oriented decision making.	Yes	Technology Strategic Plan	As part of the strategic planning process, the role and make-up of various governance groups will be evaluated.	J Davis	01-2014	12-2016	None	High
G-2.	Work with the EPMO to facilitate improved communication and accountability throughout the VCCS in order to avoid duplication of effort, leverage resources, and improve efficiencies in the acquisition and implementation of technology-based solutions among individual colleges, the System Office, and across the System.	Yes	Program Management	Work continues with the newly created EPMO to define roles and responsibilities and to define the process from project inception through closure.	Y. Mency	10-2015	12-2016	None	Medium
G-3.	Identify all existing and necessary services and applications that are currently or could be offered in a collaborative environment as a partnership, fee-for-service, shared service, or through other cost-efficient models, including the continued implementation of Information Technology Infrastructure Library (ITIL) best practices for IT service management (ITSM) that focus on aligning IT services with the needs of the business in order to provide a framework to more effectively manage IT services.	Yes	ITIL Implementation	ITS has implemented an IT System Office Service catalog and work is currently underway to create an enterprise IT service catalog. Work on SLA creation is also underway.	M. Russell	07-2011	12-2017	Minimal	Medium
Technology Goal II									
Virginia's Community Colleges faculty and students will have access to current and relevant electronic teaching, learning and student services resources and opportunities.									
* OPERATIONAL STRATEGIES									

* Requirements	Requirement Met	Project Name / Item Name	Action	Responsible Person	Start Date	End Date	Expected Costs	Priority
* To support a variety of instructional approaches, Colleges, with support from the System Office (ITS, AS&R, and Workforce Development Services), will provide access, training, and support to students, faculty and staff using synchronous and asynchronous teaching tools and services.								
O-4. Colleges will maintain 90% of classroom space as an Electronic Classroom.	Yes	Electronic Classrooms	Southwest currently exceeds this goal with 45 electronic classrooms. Currently 95% of our classrooms are electronic classrooms. We are installing one new electronic classroom in this years plan.	Charles Musick, Joe Magee, Preston Ball	07-2016	06-2017	\$70,134	High
O-5. Colleges will provide access to professional development programs using workshops, seminars, web tutorials, and/or college training/certification processes that maximize faculty and staff competency in applicable instructional and administrative tools and techniques.	Yes	Professional Development	Southwest has a professional development committee that discuss training needs for faculty and staff. We offer workshops in Microsoft Office, and Blackboard during in service in the fall to all employees wishing to attend. Southwest held several training sessions for faculty and staff on HRMS and more workshops are planned. We recommend that all employees keep their computer skills updated and all full time and part time employees may take 6 credit hours at SWCC free of charge. We recommended that everyone attend a Windows 10 class this fall term.	Barbara Fuller, Windell Turner, James Dye, and Teresa Yearout	07-2016	06-2017	\$19,800	Medium
O-6. Colleges will provide administrative and instructional support for the teaching and learning needs of faculty and students in traditional, hybrid, and online classes.	Yes	Training	Southwest provides Blackboard training for faculty and administration for basic course organization, discussion boards and rubrics. Southwest also provides support for students utilizing Blackboard.	Barbara Fuller, Garrett Wright, Jennifer Hale	07-2016	06-2017	Minimal	Medium
O-7. Colleges will provide an online orientation that informs students about eLearning expectations and the skills that promote successful outcomes. Orientation must include information concerning where students can access technology support and academic support if they experience challenges with online learning.	Yes	On-Line Orientation	An online orientation course SDV--108 was developed in Fall 2010, and has been taught since. A Distance Learning Readiness Assessment has also been developed in-house and the survey has been placed on the DDL website for student use, which include links to a study tool development sight to provide help with developmental needs. A Faculty Online Advising System has been developed with faculty being available to advise students at various times throughout each week through Blackboard. The impact of this combination of technology and academic support have increased retention and pass rates significantly among distance	Teresa Yearout, Dionne Cook, Teresa Pruett	07-2016	06-2017	Minimal	High
O-8. System Office ITS and the Colleges will support the models, standards, and technology for enhancing student services in accordance with the guidelines and plans developed by the Academic and Student Affairs Council.	Yes	Procedure Handbook	Southwest developed a Policy and Procedure Handbook based on the Student Handbook guidelines.	Dyan Lester	07-2016	06-2017	Minimal	Medium
* GROWTH STRATEGIES								
* Requirements	Project Underway?	Project Name / Item Name	Action	Responsible Person	Start Date	End Date	Expected Costs	Priority
G-4. System Office ITS with strategic partners and Colleges will develop a process to identify, understand, anticipate, and support colleges' needs for technology in instruction, academic and administrative support services, scholarship and research.	No	Research	Southwest will participate in any processes to help the VCCS determine the technology needs so they can better support the colleges.	C. Musick, Teresa Yearout	07-2016	Ongoing	Minimal	Medium

G-5.	Redesign the delivery of selected services to students such that those functions that are most effective in promoting student success are delivered in the most cost efficient manner.	Yes	Student Success	SWCC has implemented the SAILS (Student Assistance and Intervention for Learning Success) System. This technology-based system allows faculty to track their students' academic performance while signaling, when appropriate, the need for student services intervention and assistance. This system also utilizes technology to facilitate meaningful contact between students, their instructors, advisors, and support services. SWCC also employs the technology based system, One Call Now, to increase revenue and drive enrollment. Personalized messages keep students informed and engaged, providing an efficient and effective venue for communication.	Brandon Hensley, Jacob Richardson, Dyan Lester	07-2016	06-2017	Minimal	Medium
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Technology Goal III

Virginia's Community Colleges will provide a comprehensive suite of enterprise applications that are reliable, scalable, usable, functional, and support the administration, teaching, and learning needs of students and colleges.

*** OPERATIONAL STRATEGIES**

* Requirements	Requirement Met	Project Name / Item Name	Action	Responsible Person	Start Date	End Date	Expected Costs	Priority
* System Office ITS, in collaboration with the Colleges, will sustain the enterprise information systems and ensure that they are maintained with the latest software releases.								
O-9. System Office ITS will operate the enterprise systems (such as SIS/HRMS, AIS and Blackboard), keep patches up to date, and add increased functionality as approved by the VCCS Governance structure.	Yes	Operations	Enterprise Services will continue to operate and make enterprise systems available for use.	M. Webb		Ongoing		High
O-10. System Office ITS, in coordination with the colleges, will create and maintain online documentation on enterprise systems including business practices, configuration, and coding standards.	Yes	Operations	Working with the functional areas and colleges to ensure that documentation is updated.	M. Webb		Ongoing		High
O-11. Colleges will actively participate in the development and testing of common business processes, student data management, and reporting tools.	Yes	Pilot Testing	Southwest will take part in pilot testing of new technologies with the collaboration of the VCCS ITS. Southwest was one of the first colleges implementing the new PAS System.	Jennifer Hale, Paula Owens		Ongoing	Minimal	Medium
O-12. Colleges will actively participate in the Enterprise System Workgroups and Advisory Groups, and in the testing of service packs and new enterprise system functionality.	Yes	Enterprise System Testing	Southwest always takes part in enterprise system testing. We have four members on the WES (workforce) implementation team.	Mandy Barrett, James Dye, Jennifer Hale, Alta Lewis	07-2016	06-2017	Minimal	Medium
O-13. Colleges will develop, implement, and share business processes to improve the functionality of the online admissions application, Student Information System, Administrative Information System, and other enterprise systems.	Yes	SIS, AIS, HRMS	Southwest always takes part in enterprise system testing. We were one of the testing leaders on our new HRMS system. SWCC is responsible for security control at the college level on AIS/SIS/HR. SWCC is responsible for the Blackboard shell for classes and materials. We train end users that run processes to run the process correctly without overlapping other processes. The VCCS is responsible for operations of SIS/AIS/HR/Blackboard.	Jennifer Hale, Mike Bales, Garrett Wright, Charles Musick	07-2016	06-2017	Minimal	Medium
O-14. Colleges will participate in the implementation of new systems, shared services, and other initiatives that may be identified through the EP MO.	Yes	Evaluating	Southwest will participate in new initiatives and other projects identified by the VCCS and EP MO when feasible and cost effective to do so.	C. Musick, W. Turner	07-2016	06-2017	Minimal	Medium

O-15.	Colleges will continue to develop and improve their project management processes, ensuring compliance with the VCCS Project Management Standards and Guidelines.	Yes	Project Management	Southwest will continue with our project management implementation. We are in the fifth year of implementation and will comply with all VCCS project management standards.	Windell Turner	07-2016	06-2017	Minimal	Medium
O-16.	Colleges will provide training and support opportunities for faculty and staff so that they can utilize Enterprise system tools, develop appropriate business practices to improve services to students, increase college efficiency, and meet management requirements.	Yes	Enterprise Systems	Training is conducted each term on AIS, SIS, HRMS, and Blackboard for new faculty and staff. We also offer training sessions on changes and enhancements in Blackboard for all employees.	Paula Owens, Garrett Wright, Jennifer Hale, Connie Harris, Mike Bales	07-2016	06-2017	Minmal	Medium

*** GROWTH STRATEGIES**

* Requirements	Project Underway?	Project Name / Item Name	Action	Responsible Person	Start Date	End Date	Expected Costs	Priority
G-6. Create life cycle plans, including metrics to measure total cost of ownership, for all enterprise system and services to anticipate when they need to be replaced from a functional, programmatic, technical and financial perspective, identifying those that are mission-differentiating and mission-critical, leveraging those with a positive value and utility and eliminating those that no longer provide a strategic value.	Yes	Technology Planning	Work is underway to create and document life cycle plans and identify metrics used to determine exit strategies for current technologies and looking forward at newer technologies that could provide more utility and value in the future.	M. Russell		12-2017	None	Medium
G-7. Research PeopleSoft modules not currently being utilized and determine if and how they could be used to bring efficiency to VCCS services and operations.	Yes	Technology Planning	Work is underway in relation to shared services looking at PeopleSoft and other technologies to determine how technologies can best be leveraged.	M. Webb	10-2015	03-2017	None	Medium
G-8. Research and test programs for shared technology services across the system, to potentially include support from other colleges, the system office, outside vendors, or a combination thereof to implement and integrate with current enterprise systems.	Yes	Technology Planning	Work continues to determine the best technology products and services that will allow VCCS to maximize ROI and provide the best service to the end user community. Continue to develop strategies and formal proposal.	J. Davis	07-2016	12-2017	None	Medium

Technology Goal IV

Virginia's Community Colleges will maintain a robust, world class information technology infrastructure utilizing the highest industry standards.

*** OPERATIONAL STRATEGIES**

* Requirements	Requirement Met	Project Name / Item Name	Action	Responsible Person	Start Date	End Date	Expected Costs	Priority
O-17. System Office ITS will provide video conference bridging for connections among VCCS colleges and the System Office.	Yes	Infrastructure	Tandberg HD video bridge is available to all colleges. Encourage the technology governance process to look at new and innovative technologies to support this service.	D. Lepore		Ongoing	150,000 per year	Low
O-18. System Office ITS will provide network monitoring tools so that colleges can create alerts to proactively monitor and respond to network equipment issues.	Yes	Infrastructure	Network Monitoring tools are currently being implemented including PRTG and Cisco Prime. Additionally, there will be an increased effort to find 3rd party assistance where feasible and cost effective.	D. Lepore		Ongoing		Medium
O-19. Colleges will maintain secure wireless networks at each campus.	Yes	Wireless Access	Southwest has deployed a wireless network campus wide that is accessible by faculty, staff, and students.	Guy Glover	07-2016	06-2017	\$3,500	High
O-20. Colleges will provide System Office ITS with read/write access to the edge router at each campus.	Yes	Edge Router Access	VCCS ITS staff have access to monitor the edge router located at Southwest. SWCC provided ITS with READ access only.	Guy Glover	07-2016	06-2017	Minimal	High

O-21.	Colleges will connect all campuses to the VCCS WAN network at the minimum rate available.	Yes	VCCS Network	Southwest follows VCCS models and standards, in our connection to the VCCSNet. Our current connection speed is 300MB with 25 MB connections back to the main campus from our two remote locations.	Guy Glover	07-2016	06-2017	\$55,776	High
O-22.	System Office ITS will offer Infrastructure as a Service (IaaS) including:	Yes	Infrastructure	Planning and hardware procurement is currently underway to implement the initial service offerings. More detailed plans will be formulated during FY17 to expand the services and begin the implementation process.	D. Lepore		06-2018		High
O-22a.	Colocation of College owned server and storage in a VCCS Enterprise datacenter. Colleges will make no future investments in college located datacenters.	Yes	Infrastructure	The VCCS operates two enterprise datacenters and colocation proof of concept programs are underway. Plans are being developed to have a minimum of 4 locations migrated to this service during FY17.	D. Lepore		06-2017		Medium
O-22b.	Backup/DR services – System Office ITS will provide data replication services for Disaster Recovery purposes to the colleges.	Yes	Disaster Recovery	Purchasing and Implementation planning is in progress. The goal is to 50% of the college using this service during the first year.	D. Lepore		06-2017		High
O-22c.	IaaS servers – System Office ITS will provide virtual servers on demand through a self-provisioning portal to the colleges.	No	Infrastructure	Work is underway to create a self provisioning portal and make it available to the colleges allowing them to obtain virtual servers on demand.	D. Lepore		12-2018		Medium
O-23.	Colleges will maintain and operate network firewalls at the college WAN connection using the specified hardware and software .	Yes	Firewall	SWCC utilizes a PA-3020 firewall on the college WAN connection, and will be upgrading to a PA-3050 as part of the VCCS initiative to standardize firewalls across the VCCS.	Charles Musick, Guy Glover	07-2016	06-2017	\$13,000	High
O-24.	System Office ITS will maintain a central firewall management and reporting system for college and System Office use.	Yes	Infrastructure	Work is underway to create a central firewall management and reporting system which will be available to the colleges and the system office.	D. Lepore		12-2017		Medium
O-25.	System Office ITS will provide backup WAN circuits for all colleges at the minimum rate available.	Yes	Infrastructure	Planning is underway to make backup WAN circuits available to all colleges at the minimum rate available by 12/31/16.	D. Lepore		12-2016		Medium
* Colleges will maintain a computer infrastructure that will satisfy the administrative and instructional needs of faculty, staff, and students.									
O-26.	Colleges will provide and maintain computer workstations and appropriate software for each full-time faculty member, full-time staff member, and administrative wage employee. Configurations will be appropriate for their use level.	Yes	Faculty and Staff Microcomputers	Southwest's goal is to replace 20% of the computer inventory annually and new purchases will exceed VCCS mainstream guidelines. We have 37 microcomputers in this years plan.	Charles Musick	07-2016	06-2017	\$61,788	High
O-27.	Colleges will provide and maintain computer workstations and appropriate software for adjunct faculty in a ratio of 1 personal computer for every 20 full-time equivalent (FTE) adjunct faculty. Configurations will be appropriate for their use level.	Yes	Adjunct Faculty Microcomputers	Southwest exceeds the VCCS ratio for adjunct faculty microcomputers. We have 15 computers available for 79 full time equivalent adjunct faculty. We have 2 computers in this years plan.	Charles Musick	07-2016	06-2017	\$2,000	High
O-28.	Colleges will provide computer workstations and appropriate software for student use in classrooms, labs, or other student accessible locations (including libraries and student information kiosks) equal to a minimum of 10% of the annual full-time equivalent students (FTEs).	Yes	Student Microcomputers	Southwest exceeds the VCCS ratio for student computers, we have 644 student computers available for 1,817 students equal to 35% of our annual full-time equivalent student FTE's. We have 32 replacement microcomputers in this years plan. With the increase of dual enrollment and distance education classes we can reduce the number of student computer labs we have.	Charles Musick, Preston Ball	07-2016	06-2017	\$51,150	High
O-29.	Colleges and System Office ITS will ensure that software is not more than one generation behind the current version. Exceptions for bona fide instructional or administrative purposes, such as computer workstation repair programs, will be documented.	Yes	Software	All software on employee and student microcomputers meet the VCCS useful life guidelines.	Preston Ball	07-2016	06-2017	\$132,263	High

O-30.	Colleges will maintain at least one Commonwealth Classroom and one Commonwealth Conference Room per college.	Yes	Commonwealth Classroom	Southwest maintains 11 Commonwealth Classrooms and 1 Commonwealth Conference Room. Southwest met this expectation in 2005.	Joe Magee	07-2016	06-2017	\$65,250	High
O-31.	Colleges and System Office ITS will assess use of new technologies, including things such as virtual servers, digital imaging, electronic file sharing, and electronic signatures to reduce energy consumption, paper use and disposal costs.	Yes	Utilization of New Technologies	Southwest just finished converting all domain controllers to Virtual servers, and we currently utilize DocStar as our digital imaging system with plans to convert to Image Now during the current year. We also utilize electronic file sharing within departments.	Charles Musick, Joe Magee, Teresa Pruett, Jennifer Hale	07-2016	06-2017	\$35,000	High
O-32.	Colleges and System Office ITS will research and participate in consolidated procurement of computer equipment.	Yes	Consolidated Procurement	Southwest participated in consolidated procurement for Dell computers this year and will participate next year as well.	Preston Ball	07-2016	06-2017	Minimal	Medium

*** GROWTH STRATEGIES**

* Requirements	Project Underway?	Project Name / Item Name	Action	Responsible Person	Start Date	End Date	Expected Costs	Priority
G-9. Utilize special interest workgroups (SIG) to develop a long-range plan that supports a culture of innovation through the strategic use of technology.	Yes	Innovation & Technology	Work directly with the college CIOs and Technology Council to develop technology solutions that are both strategic and innovative.	J Davis	01-2012	12-2017	Minimal	High
G-10. Research and implement an identity access management (IAM) system to provide greater efficiency and facilitate appropriate user authentication and authorization to VCCS assets in compliance with all applicable policy requirements and security standards.	Yes	Identity Management	An RFI has been distributed with the responses due on or about 05-2016. Next step is to recommend a technology solution to be procured and deployed over the next 18 months.	D Harrison	10-2013	12-2017	High	Medium
G-11. Continue to research networking technologies and designs that will allow the VCCS MPLS network to remain current and robust.	Yes	VCCS WAN	Ongoing research to ensure the VCCS WAN is operating at peak efficiency and using the appropriate technology to meet needs. Redesign of both the NVCC and TCC network connections.	M Russell R Lucia	07-2012	Ongoing	Minimal	High

Technology Goal V

Virginia's Community Colleges will maintain emergency preparedness, disaster recovery, and continuity of operations plans for technology services.

*** OPERATIONAL STRATEGIES**

* Requirements	Requirement Met	Project Name / Item Name	Action	Responsible Person	Start Date	End Date	Expected Costs	Priority
O-33. System Office ITS will develop and maintain a Disaster Recovery Plan to ensure continued operations of enterprise services and applications. Colleges will continue to maintain and update all planning documents outlined in the VCCS Contingency Planning and Business Recovery Program and the VITA Continuity of Operations Plan (COOP).	Yes	DR Plan	Plan has been developed, approved by governance, and is being tested annually to ensure effectiveness	A. Clark		Ongoing	Minimal	High
O-34. Colleges and System Office ITS will update emergency preparedness and continuity of operations plans for technology services on an annual basis.	Yes	Emergency Preparedness	Southwest has developed a contingency plan for technology services and it is part of the overall college COOP plan. Southwest installed an outdoor alert system for campus wide notification in case of an emergency.	B. Summerfield, P. Owens, C. Musick, W. Turner	07-2016	06-2017	Minimal	High
O-35. Colleges will develop, maintain and test at least annually the emergency communication plans/systems for communicating with faculty, staff, and students.	Yes	Emergency Testing	Southwest has SWCC Alert and Informacast, which is also tied to the new campus alert system which was implemented to notify faculty, staff, and students in case of an emergency. We test these systems each term and use it for emergency weather closings as well.	B. Summerfield, P. Owens, C. Musick, W. Turner	07-2016	06-2017	\$3,210	High
* Requirements	Project Underway?	Project Name / Item Name	Action	Responsible Person	Start Date	End Date	Expected Costs	Priority

G-12.	Research potential shared services that could be offered to the colleges to assist with Disaster Recovery operations (such as backup, web hosting, etc.).	Yes	Disaster Recovery	Research is underway.	D. Lepore		12-2016		Medium
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Technology Goal VI

Virginia's Community Colleges will maintain a secure information technology infrastructure in accordance with the approved ISO27000 and VCCS technology models, standards, and guidelines.

*** OPERATIONAL STRATEGIES**

* Requirements	Requirement Met	Project Name / Item Name	Action	Responsible Person	Start Date	End Date	Expected Costs	Priority
O-36. System Office ITS, in conjunction with the colleges, will define, implement and maintain an information technology security organization and plan necessary to comply with all federal, state, and local security regulations. The plan includes a description of the information technology security roles and responsibilities at the enterprise level as well as on the college campuses.	Yes	Information Security Program	Working with the college ISOs, the System Office Security, Risk and Compliance team continue to develop and improve the plan.	D Harrison		Ongoing	Minimal	High
O-37. Colleges will establish security plans and procedures in accordance with the approved VCCS technology models, standards, and guidelines.	Yes	Security Plan	Southwest has implemented the appropriate VCCS standards and guidelines as they are published. This is an ever changing process.	Paula Owens, Charles Musick	07-2016	06-2017	Minimal	High
O-38. Colleges will implement a security program that conforms to the established security plans and procedures to maintain the security and privacy of faculty, staff, and student data.	Yes	Security Program	Southwest uses MOAT as our security awareness program for faculty and staff. Our ISO also speaks to each student orientation class on security risks and issues.	Paula Owens, Charles Musick	07-2016	06-2017	\$5,000	High
O-39. Colleges and System Office ITS will complete the VCCS Statement of Compliance attesting that the information security program is compliant with the current VCCS Security standards.	Yes	Statement of Compliance	Southwest has completed the statement of compliance stating that we are compliant with the VCCS Security Standards.	Paula Owens, Windell Turner	07-2016	06-2017	\$3,000	High

*** GROWTH STRATEGIES**

* Requirements	Project Underway?	Project Name / Item Name	Action	Responsible Person	Start Date	End Date	Expected Costs	Priority
G-13. Colleges will participate in the ISO meetings for professional development of staff, and ensure that security personnel understand the current security threat landscape and are able to respond appropriately.	Yes	ISO Meetings	Southwest will participate in any and all professional development meetings for ISO's.	Paula Owens, Charles Musick	07-2016	06-2017	\$5,400	High
G-14. Colleges will evaluate benefits of participating in shared service for security officers.	Yes	Evaluating	Southwest will evaluate the benefit of participating in the shared service for security officers.	Windell Turner, Charles Musick	07-2016	06-2017	Minimal	Low

Technology Goal VII

Virginia's Community Colleges will provide adequate support for all constituencies, and professional development opportunities for technology staff.

*** OPERATIONAL STRATEGIES**

* Requirements	Requirement Met	Project Name / Item Name	Action	Responsible Person	Start Date	End Date	Expected Costs	Priority
* Colleges and System Office ITS will maintain Help Desk services for faculty, staff, and students.								
O-40. Colleges will ensure that all students, faculty, and staff have access to Tier 1 Help Desk services to support the network, email, SIS, AIS, Blackboard, and Directory Services.	Yes	Support	Southwest has implemented the appropriate VCCS standards and guidelines as they are published. This is an ever changing process.	P. Owens, C. Musick, J. Hale	07-2016	06-2017	Minimal	High
O-41. Colleges and System Office ITS will develop and publish Service Level Agreements (SLAs) for the delivery of technology services.	No	SLA's	Southwest will work on developing and publishing SLA's for technology services.	P. Owens, C. Musick, T. Pruet, W. Turner	07-2016	06-2017	Minimal	High

O-42.	Colleges and System Office ITS will develop and maintain a readily accessible and comprehensive communication infrastructure to provide reliable communication with faculty, staff, students, alumni, and interested constituents.	Yes	Communications	Southwest maintains a robust communications network and utilizes telephone, e-mail, cell, text, web and alerts to communicate with faculty, staff, students, and interested parties.	P. Owens, C. Musick, T. Pruet, W. Turner	07-2016	06-2017	\$14,950	High
* Colleges will maintain a comprehensive website that provides current and prospective students and the public with information about the college's programs, class schedule, mobile apps, tuition, fees, in-person and online registration, news, and upcoming events and a link to enterprise applications.									
O-43.	System Office ITS, in collaboration with the Colleges, will maintain a web page model, standard, and guideline to ensure compliance with the Commonwealth IT Accessibility Standards and VITA IT Accessibility Standards.	Yes	Accessibility Standard	Standards and guidelines are available on Buzz for all colleges. Reporting requirements are being met by the colleges.	D Harrison	01-2012	Ongoing	Minimal	High
O-44.	College websites will include links to Wizard, textbook titles, cost, ISBN codes, and purchasing information for required textbooks.	Yes	VCCS Online, Wizard, Textbooks	Southwest has all the links on our website: VCCS Online: http://sw.edu/catalogs ; Wizard: http://sw.edu/career ; textbook titles, cost, ISBN numbers, and purchasing information for required textbooks: http://www.bkstr.com/swccstore/shop/textbooks-and-course-materials	Teresa Pruet		Ongoing	Minimal	Medium
* Colleges and System Office ITS will provide professional development opportunities for technology staff.									
O-45.	Colleges and system Office ITS will identify system-wide training opportunities for technology staff, including opportunities within peer groups, expert resources and vendor relations. Colleges will ensure that employee work profiles and classifications of IT staff reflect changes in knowledge, skills and abilities gained as a result of training and collaborative efforts.	Yes	VCCS Training	Southwest will send technology staff to any system-wide training opportunities that develop.	Charles Musick		Ongoing	Minimal	Medium
O-46.	Colleges and System Office ITS will provide professional development for technology staff focusing on leadership, mentoring, credential attainment, VCCS IT conference participation and life-long learning.	Yes	Professional Development	Southwest will send technology staff to any system-wide training opportunities that develop and will attend any SIG meetings.	Charles Musick, Preston Ball		Ongoing	Minimal	Medium
* GROWTH STRATEGIES									
* Requirements		Project Underway?	Project Name / Item Name	Action	Responsible Person	Start Date	End Date	Expected Costs	Priority
G-15.	Research and analyze the benefits and costs related to a consolidated service desk program for all colleges and the System Office.	Yes	Shared Services	Shared services initiative includes a call center component. Ongoing evaluations will determine future initiatives in this area.	J Davis D VanCleave	04-2012	03-2017	Unknown	High
G-16.	Research centralizing professional development and training through the use of centralized contracts.	No	Research	Southwest will participate in any professional training that the VCCS provides.	C. Musick	07-2016	Ongoing	Unknown	Medium
Technology Goal VIII									
Virginia's Community Colleges will provide the planning and leadership necessary to ensure that technology provides adequate systems to support Complete 2021.									
* OPERATIONAL STRATEGIES									
* Requirements		Requirement Met	Project Name / Item Name	Action	Responsible Person	Start Date	End Date	Expected Costs	Priority
* The Vice Chancellor will provide leadership for technology at the System Office, and with the Colleges.									
O-47.	Colleges will participate in annual inventory and gap analysis surveys and any other surveys necessary to gather college data for decision making. Results will be analyzed and published.	Yes	Inventory and Gap Analysis	Southwest participates in the annual gap analysis and surveys as required.	C. Musick		Ongoing	Minimal	Medium
O-48.	System Office ITS will support a framework that focuses on planning by making annual revisions to the planning calendar showing all potential IT related events during the year.	No	Planning Calendar	An IT planning calendar was approved at the January Tech council meeting. This will be revised as needed.	J Davis	01-2012	06-2017	Minimal	High
O-49.	The Vice Chancellor will involve the colleges in IT planning through participation in work groups and committees.	No	Strategic Planning	Ongoing strategy with work in progress. Some work has been completed under the CIO Agenda 2015. Three workgroups remain active.	J Davis	01-2012	Ongoing	Minimal	High

O-50.	System Office ITS will collaborate with the colleges in creating and publishing guidelines for the use and delivery of technology at the System Office and the colleges.	No	Strategic Planning	Ongoing strategy with work in progress. Shared procurement agreements are in place. Computer configuration guidelines have been created and are updated annually.	J Davis	01-2012	Ongoing	Minimal	High
* Colleges and System Office ITS will achieve national recognition among community colleges for information technology services.									
O-51.	Colleges and System Office ITS will maintain a membership to EDUCAUSE and annually complete the EDUCAUSE Core Data Survey.	Yes	Survey	Southwest completes the annual educause survey and maintains membership.	Charles Musick		Ongoing	\$455	Low
O-52.	Colleges will participate or submit a nomination annually in a ranking survey and/or a technology award to achieve national ranking or recognition for its IT accomplishments.	Yes	College Achievement Recognition	Southwest has participated in the annual Digital Community College Survey for Center for Digital Education since 2009. We will continue complete the survey annually.	Charles Musick, Teresa Pruett		Ongoing	Minimal	Low
O-53.	Colleges and the System Office will annually submit a minimum of three proposals on college and enterprise-level technology achievements to major state-wide, regional, and national conferences.	Yes	Presentation Proposals	<i>Please list proposals/conferences being considered for presentation.</i> 1. New Horizons 2. VCCA 3. ACCS	Charles Musick, Dyan Lester, Preston Ball, Joe Magee, Paula Owens	07-2016	06-2017	Minimal	Low
* GROWTH STRATEGIES									
* Requirements		Project Underway?	Project Name / Item Name	Action	Responsible Person	Start Date	End Date	Expected Costs	Priority
G-17.	Champion technology findings and recommendations from Worksmart Collaborative, technology strategic planning or benchmarking.	In Process	Reengineering Task Force	Southwest will seriously consider any and all technology findings coming from the reengineering task force.	Mark Estepp, Barbara Fuller, Windell Turner	07-2016	06-2017	Minimal	Medium
G-18.	Collaborate with strategic partners to leverage resources, including the technology fee and equipment trust funding, in the most cost-effective manner to achieve system-wide goals.	No	Evaluating	Southwest is willing to utilize strategic partners when cost beneficial to the college and to meet system goals.	C. Musick	07-2016	Ongoing	Minimal	Medium
G-19.	Identify long-term strategies to foster the use of technology in promoting a culture of innovation and high performance throughout the VCCS. Create innovation teams to explore emerging technologies and their role within the campus environment.	No	Future Planning	Leveraging resources such as Educause and Campus Technology will help with exploring emerging technologies.	J. Davis		12-2016	None	Low
G-20.	Enhance the current technology planning environment to include a process to work with institutional partners to identify shared operational priorities and strategies for IT services.	Yes	Strategic Planning	Reorganized the strategic planning sub-committee. Developed a short term plan for vetting the document.	J. Davis		12-2016	None	Low
G-21.	System Office ITS, in collaboration with the Technology Council, will work to identify specific problems or goals tied to the mission of the VCCS, Complete 2021, or the Worksmart Collaborative that could be addressed with technology-based innovations, and develop, and/or refine specific innovative technology solutions that should be implemented within the next six years in support of those solutions.	No	Strategic Planning	Plan to scheduled a meeting with the System Office Vice Chancellors to ensure the Technology Strategic Plan aligns with the VCCS 6 Year Plan.	J. Davis		06-2020	None	Medium
G-22.	Identify ways to foster and provide incentives for the identification and development of innovative technology-based solutions.	Yes	Regional IT Meetings	Share information between the colleges, let them hold meetings to come up with new ideas and innovation. Southwest, along with VHCC, WCC, NRCC, and MECC have been holding regional IT meetings to discuss new and existing technology and use each other as resources to optimize efficiency.	Charles Musick, Preston Ball, Paula Owens		Ongoing	Minimal	Medium

College Technology Spending Plan 2016-17

Revenue Sources	Amount
Equipment Trust Fund - Technology	\$ 94,736
Technology Fees	\$ 453,900
Technology Plan General Funds	\$ 192,373
College Funds (Operating Budget)	\$ 700,811
Other Equipment Trust Fund - President's Choice	\$ 94,736
Total Budget:	\$ 1,536,556

COLLEGE TECHNOLOGY SPENDING PLAN 2016-17

CODE	TFM	OBJECT	LOCATION	ITEM/PROJECT DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT	INNOVATION	REVENUE SOURCES					
										% Supporting Innovation	TECHNOLOGY FUNDS 2016 -17			COLLEGE FUNDS	OTHER ETF
											ETF	TECH FEE	GENERAL		
1141-1	S	Wages - IT Support													
S		Information Technology Manager		Information Technology	0.5	Each		\$0	0%			55,084			
S		Information Tech Spec I (Web Master)		Information Technology	1	Each		\$0	0%			82,205	2,874		
S		Information Tech Spec I P-14 Web Help		Information Technology	0	Each		\$0	0%						
S		Chief Info Security Officer (CISO)		Information Technology	1	Each		\$0	0%				75,358		
S		Network Administrator		Information Technology	1	Each		\$0	0%				100,875		
S		Information Tech Spec I (AIS & SIS Support)		Information Technology	1	Each		\$0	0%				62,049		
S		Information Tech Spec I (Desktop Support)		Information Technology	1	Each		\$0	0%				84,238		
S		Telecommunications Coordinator		Information Technology	0.5	Each		\$0	0%			55,084			
S		Engineering Tech II P-14 Desktop Support		Information Technology	1	Each		\$0	0%		18,746				
S		Engineering Tech II P-14 Desktop Support		Information Technology	1	Each		\$0	0%		18,746				
S		Engineering Tech II P-14 Desktop Support		Information Technology	1	Each		\$0	0%		18,746				
S		Information Tech Spec I (Vacant)		Information Technology	0	Each		\$0	0%						
S		Engineering Tech II P-14 Telecommunications		Information Technology	0	Each		\$0	0%						
1141-2	S	Wages - Inst. Support													
S		Instructional Technologist		Distance Education	0.5	Each		\$0	0%					\$25,084	
S		Blackboard Administrator		Distance Education	0.5	Each		\$0	0%					\$25,084	
S		Computer Lab P-14 Part Time		Distance Education	2	Each		\$0	0%					32,420	
S		AV/Media Services		Distance Education	0	Each		\$0	0%						
S		Server Administrator (Distance Education)		Distance Education	1	Each		\$0	0%					76,143	
1217	EX	Telecom Services													
EX		Network VA/MPLS			1	Each	55,776.00	\$55,776	0%			\$55,776			
1221	O	Organization Memberships													
O		Educause			1	Year	455.00	\$455	0%			\$455			
1226	EX	Emp. Training Consulting Services													
EX		Security Awareness Training		Travel and Training	9	Each	600.00	\$5,400	0%					\$5,400	
EX		PCI Review		PCI Review	1	Each	3,000.00	\$3,000	0%					\$3,000	
EX		Roam Secure SWCC Alert		SWCC Alert	1	Each	3,210.00	\$3,210	0%					\$3,210	
EX		Security Awareness Training		MOAT	1	Each	5,000.00	\$5,000	0%					\$5,000	
1228	EX	IT Training/Workshops/Courses													
EX		College IT Staff Training		IT and Distance Ed Staff Training	6	Each	2,500.00	\$15,000	0%					\$15,000	
EX		IT Training for non-IT employees		IT and Distance Ed Staff Training	8	Each	600.00	\$4,800	0%					\$4,800	
1274-1	EX	Computer HW Maint. Svcs													
EX		CISCO Maintenance			1	Year	45,993.85	\$45,994	0%			\$45,994			
EX		Voice Mail/ Unity Maintenance			1	Year	4,000.00	\$4,000	0%					\$4,000	
EX		Call Manager Maintenance			1	Year	4,000.00	\$4,000	0%					\$4,000	
EX		Polycom VC Maintenance			1	Year	568.00	\$568	0%			\$568			

COLLEGE TECHNOLOGY SPENDING PLAN 2016-17

CODE	TFM	OBJECT	LOCATION	ITEM/PROJECT DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT	INNOVATION	REVENUE SOURCES					
										% Supporting Innovation	TECHNOLOGY FUNDS 2016 -17			COLLEGE FUNDS	OTHER ETF
											ETF	TECH FEE	GENERAL		
EX		Tanburg Maintenance			1	Year	29,073.00	\$29,073	0%		\$29,073				
EX		Breeze Maintenance			1	Year	2,570.00	\$2,570	0%		\$2,570				
EX		Video Bridge Maintenance			1	Year	1,922.80	\$1,923	0%		\$1,923				
EX		Administration of Justice Lab Maintenance			1	Year	18,000.00	\$18,000					\$	18,000	
EX		Sim Lab Maintenance			1	Year	18,000.00	\$18,000					\$	18,000	
1275-1	SW	Computer SW Maint Serv - Admin													
					1	Year		\$0	0%						
					1	Year		\$0	0%						
1275-2	SW	Computer SW Maint Serv - Inst													
					1	Year		\$0	0%						
					1	Each		\$0	0%						
2211-1	HW	Computers-Desktop (Admin)													
	HW	Desktops - faculty & staff			4	Each	1,200.00	\$4,800	0%	\$	4,800				
	HW	Desktops - faculty & staff			8	Each	2,500.00	\$20,000	0%	\$	20,000				
	HW	Desktops - faculty & staff			2	Each	4,000.00	\$8,000	0%	\$	8,000				
	HW	Desktops - faculty & staff			1	Each	3,502.00	\$3,502	0%	\$	3,502				
	HW	Desktops - adjunct			2	Each	1,000.00	\$2,000	0%			\$	2,000		
	HW	Desktops - wage (P14)			2	Each	1,000.00	\$2,000	0%			\$	2,000		
2211-2	HW	Computers-Desktop (Instr)													
	HW	Desktops - students			17	Each	1,950.00	\$33,150	0%	\$	33,150				
	HW	Desktops - students			7	Each	1,200.00	\$8,400	0%	\$	8,400				
	HW	Laptops - students			8	Each	1,200.00	\$9,600	0%	\$	9,600				
								\$0	0%						
2212	HW	Computers-Notebook (Admin)													
	HW	Laptops - faculty & staff			8	Each	1,250.00	\$10,000	0%						\$10,000
	HW	Laptops - faculty & staff			2	Each	2,500.00	\$5,000	0%	\$	5,000				
	HW	Tablets - faculty & staff			3	Each	1,990.00	\$5,970	0%						\$5,970
	HW	iPads - faculty & staff			5	Each	600.00	\$3,000	0%		484				\$2,516
2215	HW	Network Servers-General													
	HW	LAN (DNS/DHCP)			1	Each		\$0	0%						
	HW	Database			1	Each		\$0	0%						
	HW	Web (Internet & Intranet)			1	Each		\$0	0%						
	HW	ID Server (directory)			1	Each		\$0	0%						
	HW	Spares/cold stand-by			1	Each		\$0	0%						
	HW	Antivirus/Patch Management			1	Each		\$0	0%						
	HW	Remote Access			1	Each		\$0	0%						
	HW	Network Management			1	Each	3,500.00	\$3,500	0%				\$	3,500	
2215	HW	Network Servers -Instruct													
	HW	Application			1	Each		\$0	0%						
	HW	File (students)			2	Each	5,500.00	\$11,000	0%						\$ 11,000
	HW	Print			1	Each		\$0	0%						
2215	HW	Network Servers - Admin													
	HW	Application			1	Each		\$0	0%						
	HW	File (faculty and staff)			1	Each		\$0	0%						
	HW	Email (faculty and staff)			1	Each		\$0	0%						

COLLEGE TECHNOLOGY SPENDING PLAN 2016-17

CODE	TFM	OBJECT	LOCATION	ITEM/PROJECT DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT	INNOVATION	REVENUE SOURCES					
										% Supporting Innovation	TECHNOLOGY FUNDS 2016 -17			COLLEGE FUNDS	OTHER ETF
											ETF	TECH FEE	GENERAL		
2216	NT	Network Components													
	NT	Wireless controller - primary			1	Each		\$0	0%						
	NT	Wireless controller - secondary			1	Each		\$0	0%						
	NT	Wireless antenna (built-in)			1	Each		\$0	0%						
	NT	Wireless antenna (external)			1	Each		\$0	0%						
	NT	IP Router			1	Each		\$0	0%						
	NT	Switches - core			1	Each		\$0	0%						
	NT	Firewall/IDS			1	Each	13,000.00	\$13,000	0%		\$13,000				
	NT	CISCO/MARS (monitoring)			1	Each		\$0	0%						
	NT	10 Gigabit Ethernet modules			1	Each		\$0	0%						
	NT	Server connection			1	Each		\$0	0%						
	NT	Network ports			1	Each		\$0	0%						
2217	HW	Other Computer Equipment													
	HW	Printers - Academic			1	Each		\$0	0%						
	HW	Printers - Administrative			1	Each		\$0	0%						
	HW	Printers - special purpose			1	Each		\$0	0%						
	HW	Printers - Multifunctional Copiers			18	Each	4,000.00	\$72,000	0%		\$72,000				
	HW	Flat Panel Display			4	Each	1,600.00	\$6,400	0%					\$	6,400
	HW	Flat Panel Display			2	Each	1,800.00	\$3,600	0%					\$	3,600
	HW	Projector - Classroom			1	Each	1,750.00	\$1,750	0%					\$	1,750
	HW	Multimedia Teaching Station			10	Each	2,500.00	\$25,000	0%					\$	25,000
	HW	Electronic classroom Audio System			2	Each	1,150.00	\$2,300	0%					\$	2,300
	HW	Switching Controller			8	Each	2,400.00	\$19,200	0%					\$	19,200
	HW	AMX Controller			1	Each	3,500.00	\$3,500	0%					\$	3,500
	HW	DBX Drive Rack			2	Each	1,750.00	\$3,500	0%					\$	3,500
	HW	Scanners for Image Now			5	Each	1,543.00	\$7,715	0%		\$7,715				
	HW	Commonwealth Conf Room			1	Each		\$0	0%						
	HW	Commonwealth Classroom			1	Each		\$0	0%						
2218-1	SW	Admin Software													
	SW	LAN Operating System			1	Each		\$0	0%						
	SW	Back-up Exec			1	Each		\$0	0%						
	SW	Symantec Anti-Virus			1	Each		\$0	0%						
	SW	Dell KACE			1	Each	5,094.85	\$5,095	0%		\$5,095				
	SW	Document Management			1	Each	1,553.35	\$1,553	0%		\$1,553				
	SW	Blackboard Contract			1	Each	4,905.33	\$4,905	0%		\$4,905				
	SW	Blackboard Mobile Central			1	Each	3,270.22	\$3,270	0%		\$3,270				
	SW	Blackboard Mobile Learn			1	Each	2,431.69	\$2,432	0%		\$2,432				
	SW	Blackboard Mobile Highpoint			1	Each	558.22	\$558	0%		\$558				
	SW	Blackboard Message Center			1	Each	389.08	\$389	0%		\$389				
	SW	Microsoft Campus			1	Each	28,871.03	\$28,871	0%		\$28,871				
	SW	Web Help Desk / Dameware Maint.			1	Each	2,500.00	\$2,500	0%				\$2,500		
	SW	Deep Freeze Maintenance			1	Each	1,800.00	\$1,800	0%		\$1,800				
	SW	Etherpeek			1	Each	10,000.00	\$10,000	0%		\$10,000				
	SW	HPC Mobile			1	Each	558.22	\$558	0%		\$558				
	SW	HPC Message Center			1	Each	389.08	\$389	0%		\$389				
	SW	Blackboard Analytics			1	Each	7,580.89	\$7,581	0%		\$7,581				
	SW	Financial Aid Support Center			1	Each	72,636.51	\$72,637	0%				\$72,637		
	SW	Email faculty/staff			1	Each		\$0	0%						
	SW	Email licences			1	Each		\$0	0%						
	SW	Symantec Ghost Licence			1	Each		\$0	0%						
	SW	Voicemail			1	Each		\$0	0%						
	SW	Oracle database			1	Each		\$0	0%						

COLLEGE TECHNOLOGY SPENDING PLAN 2016-17

CODE	TFM	OBJECT	LOCATION	ITEM/PROJECT DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT	INNOVATION	REVENUE SOURCES					
										% Supporting Innovation	TECHNOLOGY FUNDS 2016 -17			COLLEGE FUNDS	OTHER ETF
											ETF	TECH FEE	GENERAL		
	SW	Oracle applations			1	Each		\$0	0%						
	SW	Patch Mangement			1	Each		\$0	0%						
2218-2	SW	Inst. Software													
	SW	MiniTab			1	Each	399.53	\$400	0%			\$400			
	SW	Gale OPVP			1	Each	1,380.22	\$1,380	0%			\$1,380			
	SW	Facts-on-File			1	Each	395.55	\$396	0%			\$396			
	SW	APA PsyArticles			1	Each	952.26	\$952	0%			\$952			
	SW	Gale Science Center			1	Each	381.32	\$381	0%			\$381			
	SW	CQPress			1	Each	727.61	\$728	0%			\$728			
	SW	Learning Express			1	Each	1,000.00	\$1,000	0%			\$1,000			
	SW	Wiley Blackwell			1	Each	121.71	\$122	0%			\$122			
	SW	EzProxy			1	Each	420.75	\$421	0%			\$421			
	SW	DOAJ			1	Each	360.00	\$360	0%			\$360			
	SW	Blackboard Collaborate			1	Each	7,919.56	\$7,920	0%			\$7,920			
	SW	Blackboard Learn			1	Each	8,787.97	\$8,788	0%			\$8,788			
	SW	Quinn			1	Each	8,828.76	\$8,829	0%			\$8,829			
	SW	SAILS			1	Each	7,993.23	\$7,993	0%			\$7,993			
	SW	Atomic Learning			1	Each	2,615.59	\$2,616	0%			\$2,616			
	SW	ESRI for ARC GIS			1	Each	1,000.00	\$1,000	0%			\$1,000			
	SW	Respondus Lockdown			1	Each	1,297.17	\$1,297	0%			\$1,297			
	SW	Oxford Ebooks			1	Each	400.00	\$400	0%			\$400			
	SW	Respondus Licence			1	Each	957.61	\$958	0%			\$958			
	SW	Usablenet			1	Each	3,370.00	\$3,370	0%			\$3,370			
	SW	ProQuest DDA			1	Each	1,320.00	\$1,320	0%			\$1,320			
	SW	StudyMate			1	Each	478.70	\$479	0%			\$479			
	SW	Adobe Creative Cloud			1	Each	11,252.00	\$11,252	0%				\$	11,252	
	SW	Desktop restore software			1	Each		\$0	0%						
	SW	Other (please itemize other SW)			1	Each		\$0	0%						
2231	HW	Electronic Equipment													
	HW	CPR/Trauma Full Body Training Simulator			1	Each	1,800	\$1,800	0%		\$1,800				
2233	NT	Voice & Data Equipment													
	NT	Call Manager			1	Each		\$0	0%						
	NT	Voice Mail Server			1	Each		\$0	0%						
	NT	Telephones			10	Each	695	\$6,950	0%				\$	6,950	
	NT	Conference room phones			1	Each		\$0	0%						
	NT	Analog - VG248			1	Each		\$0	0%						
	NT	E911 Servers			1	Each		\$0	0%						
	NT	Call Center (dist and forwarding)			1	Each		\$0	0%						
	NT	School Messenger/Call back			1	Each		\$0	0%						
9999		Misc./Special/College Projects													
	INS	Cyber Insurance			1	Each	6,832	\$6,832	0%				\$	6,832	
		Two Factor Authentication & Fobs			1	Each	\$ 2,605	\$2,605	0%					\$2,605	
		Mobile Device Management			1	Each	\$ 20,000	\$20,000	0%					\$20,000	
		Virtualization			1	Each	\$ 20,000	\$20,000	0%			\$20,000			
		Image Now Conversion			1	Each	\$ 27,285	\$27,285	0%			\$27,285			
		Upgrade for Belltower alert system			1	Each	\$ 10,000	\$10,000	0%					\$10,000	
								Total:	\$ 805,026		\$ 94,736	\$ 455,108	\$ 192,373	\$ 700,811	\$ 94,736
								Funding:	\$ 1,536,556		\$ 94,736	\$ 453,900	\$ 192,373	\$ 700,811	\$ 94,736
								Balance:	\$ 731,530		\$ -	\$ (1,208)	\$ -	\$ -	\$ -