2018-2019 Program Review **Technology** Requests

Area	Division	Program	Title	Description	Estimated Cost	Req in Prev Yrs?	Prev Year(s)	Priority				ET Notes
								Prog	VP	Comm	ET	
BAS	BAS	Facilities, Maintenance, and Operations	FMO1708 Replace Office Desktop Computers	Replace 6 desktop computers in the M&O Office. Current computers are old and have had memory upgrades to maintain them.	$12,000	Yes	2017-2018, 2016-2017	4	4	TR	0	
AA	Division	Health, Kinesiology, Athletics, Performing Arts, and Contract Education	HEA1806	Improve computers in PAC 116. Mac Book Pros 25	60,000	No		6		TR	0	
BAS	BAS	Information Technology	IT1701	The technology for smart-classrooms becomes obsolete fairly quickly. We need to keep up with latest technological trends by upgrading our smart classrooms on campus.	Technology $100,000		2017-2018, 2016-2017, 2015-2016, 2014-2015, 2013-2014, 2012-2013, 2011-2012	2	7	TR	0	
BAS	BAS	Information Technology	IT1703	We will need to purchase, configure, and deploy 20 replacement computers for the oldest instructor stations on campus	Technology $24,000		2017-2018, 2016-2017, 2015-2016, 2014-2015, 2013-2014, 2012-2013, 2011-2012	3	8	TR	0	
BAS	BAS	Information Technology	IT1704	Purchase, configure and deploy 20 new faculty office computers to replace the oldest offices on campus.	Technology $24,000		2017-2018, 2016-2017, 2015-2016, 2014-2015, 2013-2014, 2012-2013, 2011-2012	4	9	TR	0	
BAS	BAS	Information Technology	IT1705	Purchase, configure and deploy replacement computers for the oldest 20 classified offices on campus.	Technology $24,000		2017-2018, 2016-2017, 2015-2016, 2014-2015, 2013-2014, 2012-2013, 2011-2012	5	10	TR	0	
BAS	BAS	Information Technology	IT1706	Purchase, configure and deploy 150 new lab computers to replaced the oldest lab computers on campus.	Technology $180,000		2017-2018, 2016-2017, 2015-2016, 2014-2015, 2013-2014, 2012-2013, 2011-2012	6	11	TR	0	
BAS	BAS	Information Technology	IT1709	Purchase, configure and deploy to upgrade the oldest network switches and Wi-Fi access points on campus	Technology $70,000		2017-2018, 2016-2017, 2015-2016, 2014-2015, 2013-2014, 2012-2013, 2011-2012	8	12	TR	0	

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BAS	BAS	Information Technology	IT1710	We need to keep an extra surplus of IT gear in our inventory for thefts, failures and unexpected needs. Spare Projectors = $5000 Spare SSD/RAM Kits = $5000 Spare Monitors = $5000 Spare Crestron Gear = $5000 Spare Phones = $2500 Spare Network Accessories = $5000 Spare Security Cameras = $5000	Technology	$32,500	2017-2018, 2016-2017, 2015-2016, 2014-2015, 2013-2014, 2012-2013, 2011-2012	9	13	TR	0	
AA	Stdnt Srv	Learning Resource and Testing Center	LRC1704	Repair the network jacks in pods and along the north wall of the BEACH. This will eliminate some of the network problems we have been experiencing with some of our computers.	$5000	Yes	2017-2018	2	5	TR	0	
BAS	BAS	Facilities, Maintenance, and Operations	FMO1804 New 5 computers for Shops and Grounds	Install five computers in the some of the shops and in the grounds shop	$6200	No		10	5	13	1	
AA	CE II	Automotive/Diesel	AUD1804	25 laptops and a portable security cabinet.	$28,000	No		2		11	2	
AA	CE I	Health Sciences	NS1803	The pediatric high fidelity simulator needs to be moved to its own separate "room" in the simulation lab in order to film the scenario. Two cameras need to be installed with cabling mounted on the wall. Since pediatric acute care clinical experiences are very limited, the program is required to provide students with these experiences with high fidelity simulation.	$4,500	No		3	3	19	3	
BAS	BAS	Facilities, Maintenance, and Operations	FMO1801 Five new computers in FMO break room	Replace existing three computers with five new ones for implementing new work order system. Computers will be used by custodial and grounds personnel.	$6200	No		6	2	13	4	

								Priority				

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AA	English & Math	Mathematics and Computer Science	MAT1806	Teachers in the math department are using online programs, animations, online notes and slides, and other technical assets in the classroom. To help make this option available to more faculty, the department would like to purchase 20 ipads and 20 tablets (with accessories). These ipads would be stored in the division office and checked out by math faculty for a one year term. This can greatly enhance teachers ability to use technology in the classroom and make materials available easily on Canvas. Faculty will be able to roam around the classroom while still "writing on the board" because the tablets/laptops will display their information. Several faculty have physical limitations with writing on the boards, and this will also allow more mobility and less shoulder/arm strain.	20 Ipad Pro (12.9 inch, 256GB Wifi Only) $929.00 = $18580.00 20 Apple Care Protection Plan for Ipad Pro $79.00 = $1580.00 20 Apple Pencils $99.00 = $1980.00 20 Smart Keyboards for Ipad Pro 12.9 inch $169.00 = $3380.00 20 Ipad Pro Cover for Ipad Pro 12	No		6	8	13	5	Categorical

| | | | | | | Estimated | Req in Prev | | Priority | | | | |
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SA	Stdnt Srv	East Campus	VCE1802 (also OFF1802)	Purchase computers (for hideaway desks) to make the Medical Assisting classroom identical to the Medical Assisting classroom on the Main Campus for optimal instruction, as well as, to utilize this new lab for numerous afternoon/evening student service workshops scheduled each semester. With limited space at East Campus, student service workshops are a challenge to schedule and at the mercy of available space. This initiative will meet the instructional needs for East Campus' only Career/Workforce Education Program; increase the number and provide improved scheduling of student service workshops; and increase overall campus room utilization. This technology initiative is for 22 computers/monitors, 22 network drops, 1 24-port switch, and related power strips and cables. This project will require hideaway desks and chairs, which are listed under equipment initiative VCE1801 (also OFF1801).		$30,000	No		3	1	20		In Progress
SA	Stdnt Srv	Financial Aid	FA1701	Financial Aid Document Intake Software		$50000	Yes	2017-2018	6	3	28		In Progress

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AA	Stdnt Srv	Learning Resource and Testing Center	LRC1801	end of their 5 year life span by the end of this next program review cycle. Hard drives are beginning to fail and need to be replaced. In anticipation of the next technical refresh cycle, we asked for funds to replace 1/2 of the BEACH computers ($254,000), but did not receive funding from the last program review. The most critical need right now is money to replace hard drives when they fail. We are requesting 400 SSD (solid-state drives) at 256G each to replace the current HHD (hybrid hard drives) in our BEACH computers. This is a cost-effective alternative to full computer replacement. The SSD drives will offer students and faculty much better and more timely computer performance. These drives will read, write, and access data much faster and are more durable than the HDD version currently in our computers. If, during the current program review cycle, money will be made available to the BEACH to begin the technical refresh cycle, the request for hard drives will not be necessary.	$40,000	No		1		TR		
AA	Division	Career Education	CAR1801	Convert classroom MCE-336 to a computer lab. As the number of business courses that require computers increases to serve students, the need for more computer labs is arising. Career preparation requires that the students are taught using the technology they will encounter in the field, which means more courses are required to teach varying computer skills.	$75,500	No		2		11		

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Area	Division	Program	Title	Description	Cost	Yrs?	Prev Year(s)	Prog	VP	Comm	ET	ET Notes
AA	English & Math	English	ENGL1806	BEACH/Writing Center Redesign (see Equipment and Facilities request as well): 2 Ceiling Mounted/Large Venue Projectors with Screens: 2 Projectors = $40,000 2 Projection Screens = $20,000 1 AV Smart Controls = $5,000 1 AV Mounting and Cabling = $8000 Computers Setup for 4 Team Smart Tables: 4 Micro PC Computers = $4,800 4 Large Monitors = $5,000 Re-cable 14 Pods and 4 Team Smart Tables: 172 Network Drops = $30,000 10 Laptops – For Student Check Out 10 PC Laptops = $12,000 1 Laptop Cart = $1,000	$125,800	No		8		11		

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Area	Division	Program	Title	Description	Estimated Cost	Req in Prev Yrs?	Prev Year(s)	Prog	VP	Comm	ET	ET Notes
SA	Stdnt Srv	Financial Aid	FA1708A	Evaluation of existing software/technology, or purchase of new technology/software to assist us in effectively communicating to students.	TBD - Text messaging and email functions are under discussion with Mike Rose and carried out at the District level; some software already exists, such as Regroup and Starfish, and may serve our purpose but needs evaluation and/or training.	Yes	2017-2018	7	2	13		

| Area | Division | Program | Title | Description | Estimated Cost | Req in Prev Yrs? | Prev Year(s) | Priority | | | | ET Notes |
								Prog	VP	Comm	ET	
AA	VisArt,Lang, Soc/BhvSci	Behavioral Sciences	BEH1705	Change MCE-347 into a dedicated computer lab for the Behavioral Sciences Program. This would mean adding the necessary infrastructure for each table to be equipped with a laptop and SPSS software for student use in mastering statistics.	estimate below comes from Grant Jones and represents a maximum cost to adapt MCE -347 to fit this initiative request. The changes could, possibly, be done less expensively with a few alteration to the plan. 75 Desks "$1000/desk" = $75,000 75 Comput	Yes	2017-2018, 2016-2017	2	9	14		
AA	VisArt,Lang, Soc/BhvSci	Art	ART1802	Replacement printer for MAC-205. Epson SureColor P6000 24" Large-Format inkjet printer.	$2,500.00	No		5		15		

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Area	Division	Program	Title	Description	Estimated Cost	Req in Prev Yrs?	Prev Year(s)	Prog	VP	Comm	ET	ET Notes
AA	CE I	Health Sciences	NS1805	The 3 classrooms upstairs in HSC need to be hardwired so that students do not drop off the internet during ATI computer testing and during class with their laptops. HSC-225 = 29 Desks, 60 Seats HSC-226 = 27 Desks, 55 Seats HSC-227 = 27 Desks, 55 Seats Cabling Estimate for 170 Seats = $30,000 Four 48 Port Switches = $10,000 New Cable Ready Desks 83 Desks = $67,000 Total = $107,000	$107,000	No		5		15		
AA	Sciences	Chemistry	CHEM1802	Replace 16 desktop computers in two labs (SCI-211 and SCI-216) with 25 laptops. Would allow students to work in smaller groups of 2 or 3 versus the groups of 4 we currently have to provide more hands on learning. Also, desktops take up valuable lab bench space which leads to a cramped environment..	$30000	No		3		16		
AA	CE II	Automotive/Diesel	AUD1801	Inventory tracking system	5000	No		4		17		
AA	VisArt,Lang, Soc/BhvSci	Art	ART1803	Replace outdated Wacom tablets in MAC-205 which have an operating life of five years.	$15,000	No		6		19		
AA	Stdnt Srv	Tutoring Center	TUT1801	Kiosk will replace having to move student front desk and will help with students log in/out of center and records services rendered.	$2000	No		2	4	19		

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Area	Division	Program	Title	Description	Estimated Cost	Req in Prev Yrs?	Prev Year(s)	Prog	VP	Comm	ET	ET Notes
AA	English & Math	Mathematics and Computer Science	MAT1809	Split Sci-225 and Sci-226. Purchase and install 33 new desks and computers. Also purchase a teacher station with a 32 inch or larger monitor and This will be for the Computer Science and Math Computer Lab (SCI-226) This will give another classroom for Computer Science, and it allows more options for math instructors to have a place for students to work online.	Away Desks = $33,000 33 Computers with 22" Monitors = $33,000 2 48 Port Switches/Wall Cabinet = $5000 Electrical/Cabling Work = $20,000 33 Computer Lab Chairs = $6,600 Patch Cables/Locks/Power Strips = $2,000 2 Instructor Smart-Classroom Station =	Yes	2017-2018, 2016-2017, 2015-2016	9		20		
BAS	BAS	Information Technology	IT1813	Research, test, and purchase a software bundling tool to help automate the update of our computer labs on campus.	Technology	$10,000	2017-2018	11	1	22		
BAS	BAS	Information Technology	IT1708	Purchase new IT gear that will enhance the support and quick resolution of IT issues on campus.	Technology	$10,000	2017-2018, 2016-2017, 2015-2016, 2014-2015, 2013-2014, 2012-2013, 2011-2012	7	6	23		

2018-2019 Program Review **Technology** Requests

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Area	Division	Program	Title	Description	Estimated Cost	Req in Prev Yrs?	Prev Year(s)	Prog	VP	Comm	ET	ET Notes
AA	VisArt,Lang, Soc/BhvSci	Modern Languages	MOD1801	resources on campus for DE students. Explanation: by providing computers with webcams to students, learning will be enhanced by student participation in video online discussions and quizzes, including the use of the Proctorio Quiz platform. Many students enrolled in online classes must use the computers on campus in order to successfully complete online assignments that require the use of a webcam.	36 Webcams = $1,296	Yes	2017-2018	3		24		
AA	Stdnt Srv	Learning Resource and Testing Center	LRC1702	Replace flatbed scanner located in Pod 11. We have outdated scanners that are unreliable. They are difficult for students to use successfully and we are always trying to troubleshoot problems with the drivers and software.	$900	Yes	2017-2018	3		26		
AA	English & Math	Mathematics and Computer Science	MAT1808	Install LanSchool on all computers in Sci-225 and Sci-226. LanSchool allows the instructor's computer to see the screens of every student computer in the classroom. This will allow the instructor of mediated or hybrid courses to be connected to what the students are doing as well as help students with their work on an instructor computer.	Cost for the initial year of 101 LanSchool licenses (at $16 each) is $1616.\n\nThis is a perpetual cost of $303 per additional year.	Yes	2017-2018	8	6	26		

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Area	Division	Program	Title	Description	Estimated Cost	Req in Prev Yrs?	Prev Year(s)	Prog	VP	Comm	ET	ET Notes
AA	Sciences	Chemistry	CHE1801	(SCI-216 and SCI-218) into smart classrooms in order to enable use of multimedia resources in classes. Would increase student comprehension of lab procedures and visualize topics. Includes projector, doc cam, video player, and screen for each room.	$20000	No		2	1	29		
AA	VisArt,Lang, Soc/BhvSci	Behavioral Sciences	BEH1710	Access to APA Style Central program - provides students access to articles, research, and writing training.	1 year subscription = $2,700 60 Day Trials = Free	Yes	2017-2018	10		30		
AA	English & Math	Mathematics and Computer Science	MAT1805	Purchase and install high lumen/laser ultra short throw projectors, speaker system, HDMI laptop connections in all 12 classrooms. The projector in Sci-228 has a 72 inch diagonal. It will need to be remounted so it can project a 96 inch diagonal. After room reconstruction, we will also need new teacher lecterns in each classroom. As we seek to re-design the math classrooms and offer more options for our students and teachers, these projectors are a necessary item for teachers to adequately display course content.	Cost: 12 Classrooms x $10,000/room = $120,000 + 12 Instructor Lecterns/Stools x $3000 = $36,000; Total Estimate = $156,000	No		5		30		
AA	VisArt,Lang, Soc/BhvSci	Art	ART1804	Mobile AV cart to replace LCD projector in CRC-204.	$7,000.00	No		4	6	31		
AA	VisArt,Lang, Soc/BhvSci	Art	ART1805	Mobile AV cart to replace LCD projector in the New Media Gallery.	$7,000.00	No		8		31		
AA	Division	Health, Kinesiology, Athletics, Performing Arts, and Contract Education	HEA1810	Fix scoreboard for VC sportsplex	80,000	No		7		35		
AA	Sciences	Engineering	ENGR1701	Provide full access to microscope/camera/computer stations	3600	Yes	2017-2018, 2016-2017, 2015-2016, 2014-2015, 2013-2014	1		37		

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Area	Division	Program	Title	Description	Estimated Cost	Req in Prev Yrs?	Prev Year(s)	Prog	VP	Comm	ET	ET Notes
AA	Sciences	Engineering	ENGR1703	Purchase Unmanned Aerial Vehicles	3795	Yes	2017-2018	2		39		
BAS	BAS	Information Technology	IT1711	on our network. To keep up with this demand, we need to purchase extra disk drive space.	Technology	$15,000	2017-2018, 2016-2017	10	3	41		
AA	Sciences	Physics/Astronomy	PHYS1703	16 large PC monitors in the two physics and astronomy labs (8 for SCI-114 and 8 for SCI-118). This would provide a significant improvement to increase student participation/engagement in data collection/analysis for lab groups. The current monitors are so small that 3 or 4 students in each lab group must huddle around one monitor when in use. A larger screen would invite more participation and provide better ergonomics for students and instructor when assisting groups. All physics and astronomy (and engineering circuits) lab course students would benefit.	7000	Yes	2017-2018	3		41		

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Area	Division	Program	Title	Description	Cost	Yrs?	Prev Year(s)	Prog	VP	Comm	ET	ET Notes
				current laptops we have are breaking down and are not dependable. We would like to move to a desktop computing lab from the current laptop arrangement we have in LRC 205. The cost below ($50,000) is an estimate for the replacement of all 40 laptops to 36-40 new desktops + hide-a-way desk + necessary internet cabling along the one wall where it is lacking. The current setup with laptops is the same design/configuration we have been using since we moved into the Library in Jan 2005. In the past 14+ years, the laptops have been refreshed only once, 20 were stolen about four summers ago and of the remaining laptops that we have left in the room, as of this writing (9/27/18) only 13							
AA	Stdnt Srv	Library	LIB1704	are working.	$50,000	Yes	2017-2018, 2016-2017, 2015-2016, 2014-2015, 2013-2014, 2012-2013, 2011-2012	1	2	47		

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AA	Division	Off-Campus Programs	OFF1802 (Also VCE1802)	Purchase computers (for hideaway desks) to make the Medical Assisting classroom identical to the Medical Assisting classroom on the Main Campus for optimal instruction, as well as, to utilize this new lab for numerous afternoon/evening student service workshops scheduled each semester. With very limited space at East Campus, student service workshops are a challenge to schedule and at the mercy of available space. This initiative will meet the instructional needs for East Campus' only Career/Workforce Education Program; increase the number and provide improved scheduling of student service workshops; and increase overall campus room utilization. This technology initiative is for 22 computers/monitors, 22 network drops, 1 24-port switch, and related power strips and cables. This project will require hideaway desks and chairs, which are listed under equipment initiative OFF1802 (also VCE1802).	$30,000	No		4	10	CT		
AA	Stdnt Srv	Tutoring Center	TUT1703	Expand Tutoring Center space to be able to enclose areas for Reading and Writing, Math and Science.	$45,000 to $50,000	Yes	2017-2018, 2016-2017	5		MO		