

**State Allocation for Instructional Equipment - \$85,490**

<b>Instructional Equipment Requests 2018-2019</b>					
Area	Request	Location	Budget Request	Priority	Rank
Arts & Cultural Programs	The electrical kilns are about 8 years old and need maintenance to continue to function.	B10	\$3,000	High	1
Arts & Cultural Programs	The ceramics extruder that recycles clay has been breaking down and needs to be replaced.	B10	\$6,500	High	2
Math, Science, & Engineering	Electronic balances are used to determine the mass of various substances in the lab. Balances currently in the labs are failing and student wait times to use a balance are increasing.	Math, Science, & Engineering Division	\$7,610	High	3
Communications & Languages	Upgrade classroom technology and equipment. Faculty have become frustrated with classroom projector screens which do not work and with limited accessibility of white boards in the classrooms. Since 2010 when the Reading Department moved to the LRC building, they have experienced issues with classroom technology. Document cameras need regular servicing.	LR119, LR123	<del>-\$50,000</del> \$8,500	High	4
Math, Science, & Engineering	Software is needed for drawing of chemical structures, especially organic and biochemical structures that are needed for chemistry classes on all levels. The software also had predictive algorithms for NMR and mass spectroscopy. The previous versions of the software will become obsolete and not useful when ITS replaced the older Windows/Mac computers with the latest hardware and OS.	Math, Science, & Engineering Division	\$4,852	High	4
Library	Replace 36 computers in LR224. These are Windows 7 computers, aged workstations. The PCs are old and need constant repair. As many as 10-12 are out of order on any given day. The students need working computers for library instruction and overflow computer commons. Additionally, an overhead projector has aged with usage since 2009 and needs to be replaced.	LR224	<del>-\$45,000</del> \$5,000	High	5
Communications & Languages	Replace/upgrade all computers in the English/Communications & Languages classrooms.	A200, A202, A204, A206, A211, A213, A214, A215, A216, A218, A220, A227	\$25,000	High	6
Behavioral & Social Sciences	Classrooms S334, B109 (the computer cart is literally held together by a tied up trashcan bag), A223, A224, A228, and A229 require a complete technology overhaul including microphone lecterns, new speaker systems, and new faculty computers. Many faculty have reported they had to change their teaching plans for a class session due to inoperable AV/IT equipment. This quote includes six new AV systems with new computers (including labor, warranties, administrative fees, and tax).	S334, A223, A224, A228, A229, B109	<del>-\$111,024</del> \$20,000	High	7

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Math, Science, & Engineering	Prepared slides of human tissue for Anatomy labs are needed. Over time, microscope slides are damaged or become faded. The microscopic slides in Anatomy have dwindled due to heavy use (12 sections of Anatomy Lab). These slides are needed to replace the slides that have broken so that the current lab curriculum can be taught.	Math, Science, & Engineering Division	<del>\$10,956</del> \$5,000	High	8
Arts & Cultural Programs	Install a dust collection system in the scenic lab. There is currently no dust collection system installed and this poses a severe health and fire hazard. All lab spaces that utilize wood cutting tools must have a method for sawdust collection.	M102	<del>\$40,000</del> \$17,000	High	10
Math, Science, & Engineering	Current data acquisition hardware is failing in the physics lab at an alarming rate. Measurements are coming out erroneously in physics experiments and must be remedied ASAP. New equipment will also provide capacity to perform new experiments for these courses. 850 Universal Interface - UI-5000 by PASCO	Math, Science, & Engineering Division	\$12,000	High	11
Math, Science, & Engineering	Autoclaves sterilize equipment and supplies using high pressure steam. These are essential equipment for the biology program and with the inception of the biotechnology program, working autoclaves are not optional. The current two autoclaves are old, often in need of repair, and unventilated. They have been in operation since 2001 and when purchased, were refurbished ones. Estimates are that the current autoclaves are approximately 30 years old.	MS Lab	\$70,000	High	12
Business	Purchase 15 laptops (Netbooks) to support the Volunteer Income Tax Assistance (VITA) program. We currently have 30 laptops to use for VITA, however, that program is aggressively growing. In Fall 2016, the VITA class had 20 students enrolled. In Fall 2017, the VITA class had increased to 27 students via word of mouth advertising by the accounting professor. In Winter/Spring 2018, the Accounting Dept. is aggressively marketing the certificate for Income Tax Preparer with billboards, bus ads, and social media. We anticipate much stronger growth in the VITA class next year and would like 15 additional laptops to support enrollment growth and for use by the volunteers who return to help with VITA years after they have completed the course.	Business Division	\$10,000	High	13



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Arts & Cultural Programs	Establish and maintain an ongoing 2-year Graphic Design & Animation Program budget for maintaining the current HP M855 Printer leases.	Arts & Cultural Programs Division	\$1,000	High	14
Career & Technical Education	Replace 7 classroom computers as part of an annual update and to keep pace with current parametric CADD/BIM/Engineering software. The last time these rooms were updated was 2011.	T102, S304, S305, S306, S307, S310	\$150,000	Medium	15
Math, Science, & Engineering	24 DigiMelt Stations for students to obtain real-time melting temperature data. There are currently only 6 manual melt temp stations in the lab and they are discontinued. They require thermoters to measure the temperature. Each student is usually given 2 to 3 samples to get the melting temperature and usually about 24 students are in the lab. This results in a backlog and frustration among students. The new model melt temp stations do not require thermometers that were required in older manual melt devices.	Math, Science, & Engineering Division	\$17,688	Medium	16
Math, Science, & Engineering	Preparation and dispensation of measured aliquoted media requires the mechanization of this process to be fast and efficient. The current machine (a device used to deliver culture growth medium such as agar) is old and it is increasingly difficult to find replacement parts. The dispenser is an essential piece of equipment to the program.	Math, Science, & Engineering Division	\$4,600	Medium	17
General / Main Campus	Develop and implement plans to oversee the installation of audiovisual equipment in older classrooms. The A/V equipment is aging and needs to be upgraded. The technology in these facilities does not compare in quality and manageability to the equipment that has been recently installed in the new buildings. This equipment is less reliable and of lower quality, and the college needs a plan to replace this equipment as it ages.	Various classrooms across campus	\$150,000	High	18
Kinesiology, Dance, & Athletics	Add new shot clocks with red light indicators to the main gym baskets. The new requirement that will be mandated by the CCCAA is the red light indicators that are visible through the backboards that light up when either the shot clock or game clock hits 0:00. This is the new standard to stay in compliance with the NCAA rule book. This is not a choice but more of a mandate.	Gym, main court <b>ALREADY FUNDED</b>	\$6,000	High	