

## 2017/18 TRAWG - Tech Refresh

	Unit Name	Priority	Resource Request	Justification	Overall / Aggregate Cost	Replacement Item	Building and Room #
33	Annual Program Plan Information Technology	High	New systems are needed for faculty, staff, and labs to replace aging systems. This is an ongoing need.	Computers have a useful life of approximately 5 years. To ensure faculty, staff, and students have functional working systems, computers need to be replaced at minimum of every 5 years.		Yes	Every building
31	Annual Program Plan Astronomy/Physics/Science	High	desktop computer (PC)	The old computer on a car for use by labs is ancient and obsolete. It is unable to run the new Pasco Capstone Software that interfaces with the Pasco equipment that we have. Refresh item.	3000	Yes	PS-226
31	Annual Program Plan Information Technology	High	Replace the thin clients used in the open access labs and in the LLR classrooms. The supporting back end infrastructure will also need to be replaced.	The existing thin clients and back end infrastructure supporting the VDI environment are reaching the end of their useful life and are no longer supported by the vendor. The existing thin clients and supporting infrastructure have been in use for nearly 8 years. We will need to replace this equipment within the next year with newer equipment to provide our students with proper access to technology, applications, Internet access for research, and accessing the Canvas Learning Management System (LMS). There are approximately 480 thin clients in use along with several servers in use to support the thin clients (connection brokers, hypervisors, etc.). The newer VDI solutions have greater capabilities including better video graphics displays which has been an issue with the existing system.	250000	Yes	LLR, FH, PS, Gym Annex
31	Annual Program Plan Music	High	Update the projectors for M-109, M-114, and HSS-104	Each unit has outlasted its lifespan admirably, but we're getting a green hue affecting each projection. This has a very real adverse effect on instruction. Please, this is a relatively low-cost, high reward investment! The projector in M-109 only projects blue and red colors and intermittently blacks-out, greatly inhibiting instruction.	3000	Yes	HSS-104, M-109, M-114
29	Annual Program Plan Art	High	AA-132: Replace current LCD projector with Higher Quality projector and speakers in ceiling.	The current projector washes out colors and is inadequate for showing art images. Mount speakers in ceiling.  Note: This was approved two or three years ago! Why doesn't this get done? What do we need to do to get this approved request implemented?	3500	Yes	AA-132

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27	Annual Program Plan Astronomy/Physics/PhysSci	High	Pasco 550 Universal Interface (IU-5001) (2 units)	Replacement for the obsolete Pasco 750 Interface used in a number of labs and that is no longer supported. Two units at \$530 each is \$1060.	1060	Yes	PS-226
27	Annual Program Plan Computer Network Systems Engineering	High	Projectors for T212 and LMC 139	Students have difficulty viewing Text on Screen. Upgrades recommended after Faculty Evaluation sessions where Deans and other Faculty have had difficulty viewing images/text.	3000	Yes	T212 and LMC 139
27	Annual Program Plan Film TV Media	High	Upgrade to COM 122 to smart classroom including 4K projector, Screen, Sound System and cabling to connect FTVM Digital Asset Management Server .	Higher Priority than 129 for a new projector -- Dan will look at the room to see if there is existing system and fall under refresh--if not default to new tech request	59000		COM 122
25	Annual Program Plan Film TV Media	High	High-Def Projector	Potential Refresh -- According to the data collected from the Office of Informational Research FTVM had a 63% increase in the number of declared majors over the past three years. This growth means that additional space is needed to serve these students. There is not proper space to show students' work for discussion, therefore this will be used in the studio.	4000	Yes	<b>Studio</b> Communication Building 129
25	Annual Program Plan Photography	High	New high performance projector to take advantage of the wide screen that was installed recently.	Current projector doesn't have the color fidelity to reproduce photographs and artwork for powerpoint lectures. Must have good color fidelity for photographic and art reproduction.	3000	Yes	HSS 101
25	Annual Program Plan Student Business Office/Eiscal	High	Wide-format Printer	The current wide-format printer has reached end of life. Parts can no longer be found so it can no longer be repaired/maintained. Also the current wide format printer is not wide enough to process request. The machine for XX years old. The recommended wide-format printer will have the features needed to produce banners and marketing materials that are requested without having to cut and paste items together.	25000	Yes	Comm Rm147

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	Unit Name	Priority	Resource Request	Justification	Overall / Aggregate Cost	Replacement Item	Building and Room #
23	Annual Program Plan Art	High	AA-115: Replace and Improve LCD Projector PLUS Sound. <b>May Be In Progress</b>	Current projector has washed out colors. Art courses need HD projectors with accurate color projection. Speakers should be ceiling mounted.		Yes	AA-115
21	Annual Program Plan Sociology	High	Increase in technology availability for HSS Building.	<p>Norm will follow-up that updates are complete for IT. The computers in the building are at times non-functional, and the availability of wireless in most rooms is spotty at best. To maintain quality instruction and work towards the highest level of student success, we ask that improvements be made in the building for increased coverage of wireless internet access. Also, the air conditioning in HSS-238 is problematic, with the room often being hotter than the air outside on a warm day.</p> <p>UPDATE: Most of the problems of connectivity have been resolved by IT, and wireless connection through HSS is markedly better than it was before.</p>	10000		

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Annual Program Plan Music	High	M-105 music lab with printer	<p><b>Keep computer request for GF rankings. Forward Keyboards and other other audio equipment requests to FRAWG and Dan will evaluate room for cabling (if it can be done under a work order)</b> M-105 is currently not assigned as a classroom and functions most often as a rehearsal space. It is currently underutilized. Its location is prime, however: a) this lab would be easier to keep open because it can be monitored with faculty offices nearby, b) this lab is closer to the central gathering point for music students, which is the music building entrance, and c) would increase student access to computers during peak classroom times. If we offer new courses in songwriting and film scoring, then lab access (and printing parts) becomes a significant priority, particularly as many students compose at the computer, and then need printed parts to give to performers.</p> <p>Because this was the 'original' music technology lab, all wiring and power needs have already been done previously. We recognize this would increase the IT footprint of labs to service. From a facilities standpoint, we suggest that this would be a very manageable project, and great repurposing of space allocation.</p> <p>We would like to create 14 workstations with a printer. Each workstation would have a computer, piano keyboard controller, headphones, and notation software (Finale) and sequencing software (Logic), a desk and chair, and cables. We could have paid student workers to be lab stewards, increasing access, or possibly offer internships.</p> <p>We are taking steps Fall 2017 to increase open lab time in HSS-104 via two paid CTE Strong Workforce interns serving as lab assistants. This second lab, however, can offset the limited range of hours HSS-104 will be available (as it is a classroom for six courses).</p> <p>We propose the use of a student fee to offset costs of toner and paper longterm. We will explore the possibility of a card system where students may add funds to</p>	15000		M105
Annual Program Plan Nursing	Medium	Request to replace 5 computers in the Skills Lab (HSC 109) with new computers with from the refresh list.	The current computer are aging and slowing with the graphics-intensive IV insertion training software used on them.		Yes	

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17	Annual Program Plan Astronomy/Physics	High	ELMO Document Camera (2 units)	We request the full ELMO units and not the new, small red ones as the quality is vastly superior, at \$2000 each for a total of \$4000. These are replacement units for broken systems that now have low quality units. Note that previous requests also had one for the new engineering lab space, but that was funded last cycle.	4000	Yes	PS-204, PS-205
17	Annual Program Plan Film TV Media	Medium	11 HD Monitors for control room, studio and field use with SDI to HDMI converters	This will complete the High Definition Upgrade.	8000	Yes	Comm 129
17	Annual Program Plan Performing Arts Ctr	High	We need a backstage monitor to be integrated into our new stage managers panel in the PAC Main Stage.	This setup was part of the lighting/dimmer upgrade that happened Summer 2016, but the monitor itself was not part of the package.		Yes	PA-152
15	Annual Program Plan Music	High	Repair existing audio system in M114 and M109	Dan will follow up if work order, refresh or request for new equipment		Yes	
15	Annual Program Plan Photography	High	Computer Monitors	Need professional calibrated monitors for accurate color reproduction. Existing monitors built in to IMAC are not accurate, too bright and glossy screen creates glare.	11000	Yes	HSS 118 Digital Lab
13	Annual Program Plan Performing Arts Ctr	High	New monitors for backstage, orchestra pit, and dressing rooms	Needed to help communication to various areas while productions are occurring.	2500	Yes	various in PAC

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13 Annual Program Plan Photography	High	Staff computers.	1. Mac Mini in supply crib Room HSS 126. Purchased in Fall 2007. Runs database for equipment checkout.	1000	Yes	HSS 126 Supply Crib.
11 Annual Program Plan Graphics/Multimedia	High	Three new networked monochrome multifunction (A3/letter) printers needed for COM 109, COM 150, and COM 151.	Example: HP LaserJet Enterprise 700 Printer M712n ( <a href="http://store.hp.com/us/en/pdp/printers/hp-laserjet-enterprise-700-printer-m712n">http://store.hp.com/us/en/pdp/printers/hp-laserjet-enterprise-700-printer-m712n</a> )		Yes	COM 109, COM 150, COM 151
9 Annual Program Plan Criminal Justice	High	Color copy Machine/Printer for Faculty Offices in Technology Building		1500	Yes	Technology Building