

Los Medanos College Resource Requests
FY2020-21 Spring Review - One Time

Item#	Source	Unit	Department	Faculty / Staff / Operating / PD	Resource Type	Description	One Time Amount	Date Received	Requestor	Justification	Spring RAP Priority
102	Budget Request	Instructional	Physical Science/Chemistry	Operating	Equipment	***Request Update. (9/30/20 from Paul West). Reduce to \$ 15,000 from \$ 91,359.00. Most of the items for Brentwood were ordered through a separate procurement process. Some items remain to be ordered and are estimated to be around \$15000. This includes organic chemistry kits, miscellaneous other reagents, missing equipment etc. *** The new Brentwood Center plans to offer Chemistry Courses for the first time in Fall 2020! To make this possible, the following standard chemicals and supplies are requested.	15,000.00	10/14/2019	Dennis Gravert	As stated in Objective 4.2.c of the Strategic Plan 2014-2019, LMC strives to provide safe and comfortable facilities and environment for teaching, learning, and working. To this end, chemicals and supplies are required to create a functional chemical stockroom and laboratory at the new Brentwood Center. Please find the list of chemicals and supplies in an attached file. Please realize that the new stockroom and lab are a result of growth in Chemistry. The supplies and equipment in Pittsburg cannot be divided between the 2 campuses as current inventory must remain in Pittsburg in order to run the current number of chemistry sections at that location. Additional sections of Chemistry, representing growth, will be added to the new Brentwood Center Chemistry offerings, and these new sections require the supplies and equipment listed in this proposal.	Opening of the Brentwood Center
119	Budget Request	Instructional	Art	Operating	Equipment	Alpine Gas Kiln Safety System Retrofit	12,800.00	2/21/2020	Lucy Snow	An older kiln that we received donated from DVC was set up in 2015 and has been working well until recently. We've been working hard on diagnosing the exact reason it won't light, but there are multiple variables due to the complex nature of the fire-eye safety system, which isn't current. Although the safety system is out of date, the kiln itself is still very useable and very durable, so we are asking for a new safety system which will allow us to consistently use this kiln safely. Our transfer and certificate students need to be familiar with the results and nature of various forms of ceramic firing, especially including natural gas firings. Having a functional gas kiln is essential for them to see and experience gas firing, also it is the standard for functional ware. This is also how DVC and CCC fire their ceramics.	Health and Safety?
120	Budget Request	Instructional	Art/Drama/Journalism	Operating	Equipment	Our office desktops were installed in FA 2010 and have not been renewed since 2010. The computers have not had regular updates and are now so far behind that they cannot support the current software necessary for faculty to fulfill their duties for the college. LMC's IT department has suggested replacing the models, but does not have the available funds in their budget.	15,212.12	1/31/2020	Lucy Snow, Eric Sanchez, Ken Alexander, Nick Garcia, Cesar Reyes	Art, Drama, and Journalism all require Mac computers because the software need for instruction and training is only available and compatible with Mac computers. However, the computers need to be updated regularly and have been neglected for so long that they continually crash and cannot function when opening emails, PDFs, or Word files. In the current situation it is impossible for the faculty to do our jobs effectively if we cannot access and fill out the documents and applications needed. IT has documented the problem and has suggested replacing the models. In addition, the Art department has been asking for replacements of their computers for several years and now the problem has reached a point where it cannot be ignored. Office computers are provided by the institution in order to provide faculty with the tools necessary to teach, run departments, participate in committees and effectively communicate with students and all of these areas are not sustainable with the current equipment. We need immediate replacements. Art Faculty: 5 office computers for Ken Alexander, Eric Sanchez, Lucy Snow, Adjunct Faculty, and Cesar Reyes Drama Faculty: 2 Computers for Nick Garcia and Adjunct Faculty	Transition to remote instruction
152	Program Review	Administrative	Information Technology and Services	Operating	Equipment, Service/Contract, IT Hardware/Software, Facility Improvement	1st part is addressed in "Pittsburg Core Server Infrastructure and Systems Build Management Project Scope" submitted and accepted to Cabinet, Q1-2019. This needs refreshing of cost scope as it is 1 year old. " \$ 350,000.00" 2nd Part would be to target refreshing of select aged departments, labs, and classroom A/V equipment stacks well past lifecycle as we are upgrading their software and they perform less against increasing software demands. " \$167,000.00"	167,000.00	3/23/2020	Carlos Montoya	Justification for core infrastructure upgrades for LMC Pittsburg are documented in "Core Infrastructure Assessment, Pittsburg Core Server Infrastructure and Systems Build Management Project Scope" document submitted to Cabinet Q1-2019.	Transition to remote instruction
154	Program Review	Administrative	Marketing	Operating	Equipment	In the next year, Marketing will need to update the computers for Eloine and John.	10,000.00	3/23/2020	Bob Kratochvil	Our current computers are 6 years old and will need to be replaced with updated computers, capable of running current software to keep up with industry standards.	Return-to-worksite preparations
182	Program Review	Instructional	Physics	Operating	Equipment, IT Hardware/Software	Laptops to support physics experiments (labs) -- qty 8	8,000.00	3/23/2020	Ryan Pederson	The physics program uses computer-interfaced equipment for labs. Existing laptops used for labs are many years old (some are obsolescent and unreliable) and we need to begin replacing them. A set of 8 laptops for physics would at least allow 8 working groups to operate the Pasco lab equipment (which requires a computer interface). This would also support the increased enrollments for physics (particularly Phys-40). We have been sharing laptops with Engineering (when feasible) and if Engineering is allowed to purchase more of them, that purchase would also generally support the need in physics. Without an infusion of new computer hardware we are at risk of not being able to run important lab experiments. Please note that while this is in line with the spirit and purpose of program goal #3, it goes beyond the stated budgetary amount listed in that goal. There is an equity component to this request. Students who have not had significant access or training in use of computers for data analysis are affected disproportionately when we cannot integrate this as part of our lab program.	Transition to remote instruction
203	Under Review	Administrative	Information Technology and Services	Operating	IT Hardware/Software	Projector\Screen lifecycle maintenance. Replacement of aged classroom projectors and screens: Improved visual technology. Order of new replacement Epson classroom projectors, some identified 4:3 screen replacements to 16:9, and identified replacement projector mounting hardware.	96,940.00	3/31/2021	Carl Chiu	LMC Pittsburg campus utilizes Epson projectors as a standard, but the time of installations cover over a decade done in layers. LMC IT has identified a matrix of classroom projectors and screens that are 8-12 years in service well beyond manufacturer life-cycle with visual quality issues, given they also are of an older platform using bulb lamps. The projection drive engine of these have substantially diminished in image quality and technology service. We estimate some to be only 1000-1200 lumen of low light level, with color washed conditions and higher levels of blurred text. Of classrooms with these aged projectors, the projection quality can be difficult to read against this lower quality and ambient room lighting. In light of hybrid use classroom pedagogy and needs for supporting remote learning in classrooms, these rooms have a distinct problem to produce readable content to display well when broadcast or recorded via session streams like in Zoom or Teams. The degraded image quality is notable and problematic when reproduced from a web camera. To add with their age, they will not be able to take advantage of new technology connectivity available for future modernization selections LMC could move to in AV over IP and wireless video casting. Replacements to the new laser platform as selected are 5000 lumen, with life-cycles holding 20K hours maintaining image quality over years superior than bulb. They are a new platform of improved resolutions and modern connectivity interfaces. Clarity for reproduction in streaming media via mobile cameras will vastly be improved to display from. Should future upgrades to the other smart classroom AV technology happen in the room, these projectors will connect to these new standards, as well as they do for the older ones in place now. This order will be direct replacement swaps of 26 projectors, mounting hardware, and a collection of identified corresponding screens needing replacement to current 16:9 industry format. Laser projectors are more energy efficient, and produce less heat in most cases of equal traditional bulb lamp model. Degradation of lumen output and color quality is vastly better in performance over time against older bulb models in service life. Due to possible variances, I have added 15% contingency to the estimate over the attached parts quote.	Transition to remote instruction
204	Under Review	Student Services	Outreach	Faculty/Staff	Student	Call Center. Enrollment for LMC is down approx. 15% for this year. Furthermore, while total applications for Fall 2. Position/Student Ambassador Funding Source: SEA, HEERF, 2021 Immediate Action Budget Package (Student Retention and Enrollment)	1,500.00	3/26/2021	Nicole Almassey	The projected approx. time per student phone call is 10 minutes (noting that some calls will be shorter due to voicemails/disconnected numbers while other calls may be longer based on the assistance that a student needs). For this project we are projecting over 5,000-8,000 students would need to be called. Therefore, this request is for 1,500 hours of student ambassadors (student assistants) hours, which would include necessary training of Call Center student employees. A group of 4-5 Student ambassadors will be hired (Student Assistants) who will each work 8-10 hours per week for the duration of the project. 1 Student – 10 hours per week (100 phone calls) x 20 weeks = 2,000 phone calls	EMP Goal #1 – Strengthen a culture of equity, diversity, inclusion, and racial justice
207	Under Review	Administrative	Information Technology and Services	IT Hardware/Software	Operating	Improve employee access mobile computing. Order of 100 standard LMC issue laptop with workstation docking kits. Order of 100 Lenovo T14 laptops, 100 desktop docking stations, 200 24" monitors, 100 wired keyboard and mouse kits.	197,150.00	3/31/2021	Carl Chiu	The pandemic based remote work starting in 2020 from Covid19 exposed a wide vulnerability of access to technology for LMC employees, faculty and classified. Most employees have traditional PC desktops to conduct their work at LMC, nearing 10 years of service. Many even continue to operate from home on their personal home PCs which are not maintained, IT standards based, and will continue to have some issues with certain college paid for software installation agreements. This order will continue the progressive move already underway for LMC to a new standard of mobile deployment, allowing flexibility of employee access to technology and district resources. While at their office locations, employees can dock the laptop into a station ready to give them traditional desktop interfacing with full sized monitors and keyboards for improved productivity.	Transition to remote instruction / Return-to-worksite preparations

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208	Under Review	Instructional	Biology	IT Hardware/Software	Operating	New laptops for Physiology equipment. Laptops are required to run physiology equipment that was obtained for both Pittsburg and Brentwood campuses. 4 IBM Thinkpads	5,000.00	3/29/2021	Jenifer Fay	<p>Physiology (BIO 45) and Intro Anatomy and Physiology (BIO 30) conduct laboratory experiments that use specialized equipment to demonstrate human biological processes. This equipment takes physiological data from students' bodies (heartbeat, nerve impulse, etc.) and allows it to be visualized and quantified via computer software. Our existing equipment has been in use since before 2001 with only occasional hardware replacement, and the accompanying laptop computers were purchased in 2008 when the Science Building first opened.</p> <p>We were recently able to replace the physiology equipment thanks to the general equipment purchase for the new Brentwood campus. The goal was to have the same equipment being used at both campuses. The Biology Department at the Piittsburg campus now needs laptop computers that will enable us to use our new equipment. We are requesting laptops, since they will need to be set up and put away various times during the semester.</p> <p>Carl Chiu has recommended IBM Thinkpads based on the needs of the equipment and its software. While he hasn't been able to provide an exact price quote, he estimated a cost between \$4,500 and \$5,000 for the set of 4 laptops.</p> <p>This request aligns with Strategic Plan Goal 3 by promoting innovation and enhancing institutional effectiveness. Our health sciences students will benefit from our investments in modern teaching tools. It also aligns with Strategic Plan Goal 4 by investing in technology. Based on our past use, this investment will serve our needs for years.</p>	Transition to remote instruction
212	Under Review	Instructional	Center for Academic Support	Equipment	Operating	Office Printer.	2,500.00	3/30/2021	Sandra Mills	Current office printer is aging and beginning to fail. A new printer is needed for when we return to campus for office print jobs.	Return-to-worksite preparations?

One Time Amount
Total \$ 531,102.12