

TECHNOLOGY NEEDS ASSESSMENT APPLICATION

Fall 2019

Technology: Programs should list the technology needed to provide ongoing service or instruction, and an approximate cost of the request. *Technology that is listed in this category will be forwarded to Campus Technology Services to evaluate through their own processes.*

Name of Person Submitting Request:	Yolanda Simental/Maria Valdez/Robyn Seraj
Program or Service Area:	Nursing/Psych Tech/Pharm Tech and future allied health programs (Phlebotomy and Sterile Processing).
Division:	Science
Date of Last Program Efficacy:	
What rating was given?	Psych Tech-Continuance Nursing-Conditional
Amount Requested:	\$82,030.00
Strategic Initiatives Addressed:	1-Increase Access: improve access to technology 2-Promote Student Success: <ul style="list-style-type: none"> a. Promote and increase the number of students in learning communities b. Maintain up to date curriculum that is relevant to community needs c. Improve success rate for passing state board exam for all three programs
Needs Assessment Resources (includes Strategic Initiatives):	https://www.valleycollege.edu/about-sbvc/campus-committees/academic-senate/program-review/needs-assessment.php

Replacement X Growth X

- You are required to meet with Rick Hrdlicka – Director of Campus Technology Services--by WEDNESDAY, OCTOBER 9 if you are submitting a Technology Needs Request. 909-384-8656 or rhrdlicka@sbccd.cc.ca.us. Please provide the date of your meeting.**

Discussed with Rick Hrdlicka, Director of Campus Technology Services on 10/8/2019 at 4:20 pm

- Projects that require modification to Buildings or Rooms will require a Facilities Need Request. Will this project require facilities changes?

No, it will not require facility changes.

- What technology-based equipment or software are you requesting?

- 40 laptops and 2 storage/charging carts to contain the laptops.
- 2 70" TV monitors and 2 wireless cameras for installation in HLS 129 and HLS 130.

- Indicate how the content of the department/program's latest Efficacy Report and/or current EMP supports this request and how the request is tied to program planning. *(Directly reference the relevant information from your latest Efficacy Report and/or current EMP in your discussion.)*

The request for additional technology to supply ongoing service and instruction is supported by the Nursing EMP 2018-2019, "Increase student success and retention rates by providing high-quality education, innovation, instruction and services to a diverse community of learners" and "Achieve NCLEX (National Council Licensure Examination (NCLEX-RN® exam) pass rate.", as well as Psych Tech EMP "Secure

funding and resources for activities for students that support a quality program such as increase the number of funded field trips and maintain laboratories with equipment and supplies needed for quality education”. Our accrediting bodies require students to learn skills by demonstration and practice to ensure safe quality patient care. In the skills portion of the allied health programs student learn by viewing instructor’s skill demonstrations. In a class of 30 – 40 it is often difficult for students to view the demonstration that the instructor is performing. With the TV monitors and overhead wireless cameras in the skills labs all students will be able to view the demonstration without difficulty. In nursing psych tech and pharm tech programs, computers are used as resources for information, simulation technology, classroom activities, simulated state board exams, and computer-based testing. The SBVC nursing and allied health programs are mandated by their specific governing boards to maintain our pass rate >75%. Nursing and allied health program have all shown an increase in applicant and hence more student enrollment. With the increase in enrollment, the need to better prepare our students with up to date technology is essential. Use of the computer testing in all courses would allow faculty to provide students the experience of testing with various test item formats reflective of their perspective state licensure examination. The goal of all allied health is to increase the pass rate of our SBVC students. The demand to increase the number of available computers in the computer lab and in the classroom is crucial.

5. Indicate any additional information you want the committee to consider (*for example, regulatory information, compliance, updated efficiency, student success data, or planning, etc.*).

1. Nursing, Psych Tech and Pharm Tech programs require an increase of 40 additional laptops to supplement the current 40 desktop computers in HLS 130 and 20 laptops. Applicants to the nursing program are required to take a computerized assessment exam. With the increase in applicants, having enough computers for these individuals to test not only poses a problem of time and location for testing applicants but also puts an added hardship to have faculty monitor the test takers in different classrooms. Having at least 100 computers for applicants to test on would improve the testing scheduling, location and faculty time.
2. Nursing and Psych Tech courses are beginning to implement computer-based testing. With the limited number of computers in the computer lab and the increase enrollment, potentially 30 (Psych Tech), 45 (Nursing) and 25 (Pharm Tech) students in one course, it is impossible for one faculty to monitor students in two different computer labs. With the addition of 40 more computers, it would be possible for students to test in the classroom setting. As more and more nursing and allied health courses begin to use computer-based testing, it is essential that we have resources and space to do so.
3. At the end of each course, standardized assessment exams are given. This creates the same difficulties when 7-8 nursing and allied health courses are attempting to schedule their testing times in the one computer lab with only 40 desk top computers and potentially 70+ students.

6. Provide a complete itemized list of the initial cost, as well as related costs (including any ongoing maintenance or updates) and identification of any alternative or ongoing funding sources. (*for example, Department, Budget, Perkins, Grants, etc.*)

Rick Hrdlicka gave a quote of

2 TV monitors and cameras	= \$20,000.00
40 laptops \$1300	= \$56,030.00
2 Storage carts	= \$6,000.00
Total cost	= \$82,030.00

7. What are the consequences of not funding this request?

This would affect student success and delay in providing high quality nursing and allied health education and technology. In addition, it would deny the students the opportunity to take computerized based testing that could potentially decrease their success in passing state licensure examinations to become licensed health care professionals in their chosen field.