

TECHNOLOGY NEEDS ASSESSMENT APPLICATION
Fall 2017

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:	Amy Jennings & Sandra Moore
Program or Service Area:	Psychology
Division:	Social Science, Human Development and Kinesiology
Date of Last Program Efficacy:	Spring 2017
What rating was given?	Continuation
Amount Requested:	\$6,000 for SPSS software licensing
Strategic Initiatives Addressed:	Increase Access and Promoting Student Success
	Strategic Directions + Goal

Replacement Growth

1. You are required to meet with Rick Hrdlicka – Director of Campus Technology Services prior to submitting a Technology Needs Request. 909-384-8656 or rhrdlicka@sbccd.cc.ca.us. Please provide the date and time of your meeting.

Email Meeting with Rick on 9/27/2017

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

No.

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

SPSS statistical software. This is a request for continued funding for this software.

4. Indicate how the content of the latest Program Efficacy Report and current EMP data support this request. How is the request tied to program planning? (*Reference the page number(s) where the information can be found on Program Efficacy.*)

Psychology, and Economics students need to know statistical software for most Economics classes and for PSYCH 105 (Statistics) and PSYCH 201 (Research Methods). The Psychology EMP sheet notes under “progress from last year’s action plan” that to support teaching Statistics (PSYCH 105) and Research Methods (PSYCH 201), the technology request from last year provided copies of SPSS for the computers in GYM 140 and the library computers. Program Goals for this year include continuing the funding for SPSS statistical software. SPSS is being requested again because it is the most widely used program in the social sciences. Without the software, the students will not have the experience doing the data analysis that is expected when they transfer. Also noted on our Psychology EMP is the increase in the Psychology transfer degree rates. As these rates continue to increase, so will our need to teach using SPSS. The SPSS software would give instructors the opportunity to demonstrate different aspects of statistical analysis to students using the most common software in the social sciences. Instructor use will be expanded with this continuation as the psychology department would be able to train instructors on how to use and teach SPSS in their classes.

5. Indicate if there is additional information you wish the committee to consider (*for example, regulatory information, compliance, updated efficiency, student success data, planning, etc.*).

The student population in the Psychology Department reflects the diversity of students at SBVC in that Campus demographic data from Fall 2014 to Fall 2015, indicates that approximately 77% of the students attending SBVC are Black and Hispanic (Efficacy Report, p. 4). According to 2011 U.S. Census poverty rates in San Bernardino city:

(<http://quickfacts.census.gov/qfd/states/06/0665000.html>), the per capita money income for 2007-2011 was \$15,762 and persons living below the poverty level in 2007-2011 was 28.6%. SBVC students may have smartphones, but smartphones do not have the ability to run the sophisticated data analysis programs such as SPSS that is needed for Statistics, Research Methods, and other SSHDPE Division courses (ECON) requiring data analysis. Students will be able to learn how to input data and conduct statistical analyses along with their instructors using the software. Access and continued Student Success will be met by having this software.

Additionally, according to IBM, most colleges already use their SPSS software:

- 80 percent of all U.S. colleges and universities
- All Ivy League schools
- All 25 of Forbes 2009 America's Top Best Colleges
- 97 percent of Forbes 2009 America's 100 Best Public Colleges
- 95 percent of Forbes 2009 America's 100 Best Private Colleges
- 9 out of the Top 10 Online Colleges

Locally, both CSUSB and UCR use the SPSS software for their statically and research courses. Most psychology majors at SBVC have the goal of transferring to CSUSB, where they will be expected to know how to use SPSS in their upper division psychology courses.

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.*)

Ongoing costs would be \$6,000 to continue to use the software (we will get a better deal to continue).

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<input type="checkbox"/>	IBM SPSS Statistics Standard Concurrent User License + SW Subscription & Support 12 Months (D0EK0LL)	14,800.00
<input type="checkbox"/>	IBM SPSS Statistics Standard Concurrent User Initial Fixed Term License + SW Subscription & Support 12 Months (D0EEJLL)	6,530.00

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

If this request is not funded, the Strategic Initiative Goals of Increased Access and Promoting Student Success will not be met in terms of course success and transfer rates. This software will help students learn how to input and analyze data which will enhance their learning in courses required for degree and certificate programs. Without using SPSS in our psychology and economic courses, students will not have the experience they need to succeed after transfer.