

## TECHNOLOGY NEEDS ASSESSMENT APPLICATION

**Fall 2016**

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:	<b>Sandra Moore, Amy Jennings, J.D. Dulgeroff, Michael Levine, Kathy Adams</b>
Program or Service Area:	<b>Psychology, Economics, Child Development</b>
Division:	<b>Social Science, Human Development and Kinesiology</b>
Date of Last Program Efficacy:	<b>Spring 2013</b>
What rating was given?	<b>Continuation</b>
Amount Requested:	<b>Total amount requested is \$6,530-\$7,230 \$6,530 for SPSS software licensing, taxes and any other fees may increase this to \$500-\$700</b>
Strategic Initiatives Addressed: (See Appendix A: <a href="http://tinyurl.com/l5oqoxm">http://tinyurl.com/l5oqoxm</a> )	Access and Student Success

Replacement  Growth X

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](mailto:rhrdlicka@sbccd.cc.ca.us). Please provide the date and time of your meeting.

October 11, 2016 at 1pm

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.

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). On the EMP data sheet (15-16) Psychology Program Goals include obtaining statistical software for student use. ECON classes and PSYCH 105 and 201 now have access to the GYM building computer lab. SPSS is being requested 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. The software is not on any computer on the campus. 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.

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 2009 to Fall 2012, indicates that approximately 69% 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.)

Initial Costs:

In looking to save money, we request the less expensive \$6,530 for concurrent user software licenses for 1 year (for 25 concurrent users). This would entail an ongoing cost of \$6,530 to continue to use the software each year plus tax and any other fees (\$500-\$700, estimate) for a possible \$7,230 each year. There is no other funding source for this software.

Another option is approximately \$14,800 for concurrent user software licenses for indefinite use of the specific version/release of the software (for 25 concurrent users). Ongoing costs would be \$14,800 plus taxes to upgrade the software every 5 years or so (estimate is about \$16,000).

Software >

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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 Access and 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.