TECHNOLOGY NEEDS ASSESSMENT APPLICATION
Fall 2015

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:	**Sandra Moore and Amy Jennings**
Program or Service Area:	**Psychology**
Division:	**Social Science, Human Development and PE**
Date of Last Program Efficacy:	**Spring 2013**
What rating was given?	**Continuation**
Amount Requested:	**$17, 264 for SPSS software licensing**
Strategic Initiatives Addressed: (See Appendix A: http://tinyurl.com/l5oqoxm)	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. Please provide the date and time of your meeting.

Sept. 22, 12:30pm

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 101 (Research Methods). On the EMP data sheet (14-15) Program Goals and Action Plans for both departments include having a computer lab for students to use statistical software. 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 type of data analysis that is expected when they transfer. The software is not on any computer on the campus. This software could be used by other disciplines. 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.).*

A separate request is being made for a computer lab. The software could be used in that lab for students taking courses requiring statistical analyses. 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 U.S. Census data from 2011, only about 60% of Black and Hispanic households were likely to use

the internet in their homes (http://www.census.gov/hhes/computer/files/2011/p20-568.pdf). 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%. These numbers demonstrate that low income is likely a contributor to the lack of household access to computers and the internet in Black and Hispanic households. Computer access in classes that require statistical analyses of data would benefit these students by helping them develop skills useful for transfer to 4-year colleges and the workplace. This software is used at CSU and UC for most social science programs. 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 requiring data analysis. Students will be able to learn how to input data and conduct statistical analyses along with their instructors using the software. Of the 42 transfer degrees awarded in 2014, 72% (Sociology-12, Psychology-11) were from this division (http://www.valleycollege.edu/~/media/Files/SBCCD/SBVC/research/reports/6-Year%20Total%20Degrees%20Awarded_07-14.pdf). Access and continued Student Success will be met by having this software to assist more students in completing AA-T degrees.

6. Provide a <u>complete itemized list</u> 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: $9,308.00 for Base Campus edition for 80 licenses and $7,956.00 for 80 Advanced statistics licenses for a total of 17, 264.00 for the licenses and support for 12 months. Ongoing costs would be up to $17,264 to continue to use the software each year.

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.