TECHNOLOGY NEEDS ASSESSMENT APPLICATION

Technology: Programs should list the technology needed to provide ongoing service or instruction, and an approximate cost of the request. Requests for one-time programmatic equipment should be listed in the appropriate category above. *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:	**John Banola**
Program or Service Area:	**Physical Education/Health**
Division:	**Social Sciences, Human Development and Physical Education**
Date of Last Program Efficacy:	**4/27/12**
What rating was given?	**Continuation**
Amount Requested:	**$110,000-$125,000**
Strategic Initiatives Addressed:	**Access, Success, Technology**

Replacement ☐   Growth X

1. What technology equipment are you requesting?

150 lap tops using a Windows Operating System, portable laptop storage carts with charging capacity to hold and store the 150 laptops, other possible needed equipment (cables, chargers, surge protectors, etc.), IBM-SPSS software licenses, 3 wireless printers.

2. 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.)*

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

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 in the past 12 months 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 would benefit students by helping them develop skills useful for transfer to 4-year colleges and the workplace. Having laptops for students would support the Strategic Initiative of Technology (goals 6.1 and 6.2).
Several SSHDPE disciplines have identified Information Competency (sub-competencies 2.1, 2.2, 2.3) as part of the Core Competencies for many courses. Other SSHDPE faculty may want to use the laptops to demonstrate how to do find information online or how to use other technology available to students. Other Divisions would also be able to use this additional resource when available since no other Division currently has this capability.

4. Evaluation of 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 or Perkins)

Initial cost involves the equipment and labor to set up the computers and install software. Once set up, ongoing maintenance would be needed to periodically check the equipment. The reason 150 lap tops were requested was to have the ability for 3 classes to use the laptops at the same time and for backups in case there are malfunctions or other use issues. The carts could be used in any room so there is no loss of classrooms and this would be cheaper than a standalone computer lab. Instructors would need to be responsible for checking laptops out to students and checking the laptops back in. There may be additional costs with respect to keeping the equipment secure. The following is an estimate of the costs:

$75,000. 00 for 150 lap tops at $500.00 each using a Windows Operating System

$16,000 for enough carts to possibly charge, secure and transport 150 laptops

$16,000 for 12 month Standard SPSS, version 21 or 22 software license fees for students and 6 faculty

$1,000 for 3 wireless printers to be contained in the carts with the lap tops

The estimate of $110,000- $125,000 includes estimated taxes and any other additional purchases. Ongoing costs would be for renewing the software licenses each year ($16,000), repair and maintenance of the laptops, carts and printers.

5. What are the consequences of not funding this equipment?

If this equipment is not funded, students will transfer while lacking the computer skills to be successful in any major or future job. The College Mission of providing quality education and services to a diverse community of learners can not be met without increasing student access to computers.