# 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.*

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| Name of Person Submitting Request: | **Kathi Pryor** |
| Program or Service Area: | **Disabled Student Programs & Services** |
| Division: | **Library & Learning Support Services** |
| Date of Last Program Efficacy: | **March 2012** |
| What rating was given? | **Continuation** |
| Amount Requested: | **$44,300** |
| Strategic Initiatives Addressed: | Access, Pattern of Service, Student Success, Institutional Effectiveness, Productivity, Planning, Accomplishments & Strengths, and Technology, Campus Climate & Partnerships |

1. What technology equipment are you requesting?

Replace 13 Dell computers (DSPS used equipment)
4 Apple iPads
2 wide monitors for LA-107 computers 01 and 04
36 reconfiguration network installations (Continuance)
19 Dell computers (Continuance - SBVC  new equipment)

2. Indicate how the content of the latest Program Efficacy Report and/or most current EIS 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.)*

The use of the DSPS High Tech Center has increased tremendously since hiring a full-time Assistive Technology Specialist in 2008. From 2008 to 2011, the production of audio, e-text, MP3, and Braille formatting has grown from a total of 76 to 399 (81 %!). A large part of this increase can also be attributed to the development and use of software such as Kurzweil 3000, OpenBook, WYNN, Brain Fitness Program, Co:Writer, Math Talk, Scientific Notebook, and improvements to Dragon Naturally Speaking (please see pages 7-8 of DSPS Program Efficacy Report dated 2011-2012).

Students with a variety of disabilities are learning and using assistive technology to succeed in their educational endeavors. Also, the High Tech Center partnered with the Reading Department to expose students enrolled in their summer class to technology that can assist in identifying students with learning disabilities. This also was an opportunity to demonstrate the possibilities of using current technologies to a wider student population.

Needs Assessment Applications due to Committee by midnight on 9/28/12. Late requests not accepted.

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

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The college is mandated by the Americans with Disabilities Act and Title 5 of the Education Code to provide equal access to students with disabilities. The technology that is currently being used has provided students with learning disabilities, visual impairments, mobility limitations, and a variety of other cognitive issues the ability to access computers and succeed in obtaining their certificates and degrees. Title 5 of the California Education Code, Section 56026 states:

(a) Basic fixed cost administrative services, associated with the ongoing administration and operation of the DSPS program. These services include:
(1) Access to and arrangements for adaptive educational equipment, materials and supplies required by students with disabilities;

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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, VTEA or Perkins)

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|---|---|
| 32 Dell computers @ $1250/ea. | = $40,000 |
| 4 Apple iPads @ $500/ea. | = 2,000 |
| 2 wide screen monitors @ $250/ea. | = 500 |
| Configuration and maintenance of computers and peripheral equipment | = 1,800 |

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

By not purchasing the technology needed to support students with disabilities, DSPS students' success at SBVC would be compromised. Per High Tech Center's SARS Report 7/1/2010 – 6/30/2011, 568 DSPS students used the High Tech Center's computers 4,116 times. This equipment supports the college's ability to provide texts in alternate format as well as the hardware to run specialized software programs for educational access. A math or a science book that is 700 pages can range from $12,000 to $45,000 to transcribe into Braille. Typically, math transcription can range from 4 to 10 Braille pages per one page of printed text, not counting the graphics. Many graphics require multiple pages, depending on their complexity. Not having these computers would limit the access to information necessary for DSPS students who need adaptive equipment and assistive technology to be successful in their SBVC classes. Dire circumstances could lead to Office of Civil Rights complaints and resulting legal consequences.