

Student Technology Fee Request for Funding-Page 1

Program Title: **Disability Support Services Accessible Lab/Workstations**

Campus Affiliation: **University of Washington Bothell**

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Brief Project Overview

The number of students with disabilities is increasing at the University of Washington Bothell. Many students have disabilities that present limitations in accessing information the way that many of us do easily on an everyday basis. Disability Support Services (DSS) is experiencing an increase in the number of students who must access their course material via alternative format so they may read and process information, complete their assignments, and succeed in their classes. There are also many students who present the same disabilities but who have struggled with accessing material because they have never heard of accessible technology that may help them.

Currently, the DSS Office has three workstations. At this time, they are functioning with very dated software and are no longer performing at a level that best serves our students. To that end, DSS is proposing that a portion of the Student Technology Fee be allocated to help purchase and/or upgrade the DSS workstations to provide better service and, more importantly, better access to the students with disabilities in our community.

Full description of the project that includes the following sections:

A. The goal of the program or project

The goal of this proposal is to upgrade the DSS workstations so they operate effectively and efficiently, thereby providing an improved level of access for students with disabilities at UWB.

During the 2005-2006 academic year, DSS served approximately 20 DSS students. At this time, we are serving 37 students with disabilities who are registered with DSS. This is a dramatic increase. The majority of students served are consistently those with various learning disabilities (LD) and/or Attention Deficit Disorder (ADD). However, within this population, approximately 25% of these students have multiple disabilities, most notably mental and psychological conditions such as depression, anxiety, and bipolar disorder. Only three years ago only 1 in the 20 students on file in DSS had a documented psychological disability. UWB has also welcomed more students with severe physical impairments that require accommodations that are complex and time-consuming.

Many of these disabilities severely limit one's ability to read and process information, tasks that most students without disabilities can perform with little to no difficulty, tasks that we take very much for granted. The lack of speed or ability to process information quickly can negatively impact a student's chances of completing assignments and performing at the level that is expected of all students. Therefore, their chances of success and obtaining their degrees are jeopardized.

Until now, the use of adaptive technology has rarely been requested. In 2005, DSS had only one student requiring alternative format. As of Winter 2008, DSS has 4 students needing this accommodation, the ability to use text to speech software, and other forms of technology. DSS is in the process of evaluating 5 additional students who had never utilized adaptive technology previously but who may benefit from it as an accommodation.

Our DSS workstations are antiquated. They have been functioning with older versions of common software such as Dragon Naturally Speaking and JAWS and not much else. We have taken as much as three weeks to scan textbooks into alternative format and have not been able to provide our students with material in a timely manner. We also continue to taperecord books onto tape, a very outdated practice. In order to respond to recent demand, DSS purchased and installed Kurzweil 3000 (Version 10) into one workstation in December 2007 and our speed for turning books around for our students has improved dramatically, about 2-3 days. More students are utilizing text to speech software at home and Kurzweil, as well as updated versions of Dragon and JAWS and other types of software are now the standard means by which many disabilities are accommodated in most colleges and universities nationwide.

B. A description of the program and how it will benefit the student body

Providing these upgrades would benefit not just students with disabilities but all students who, at one point or another, may find themselves with a permanent or temporary disability and needing adaptive technology. These are proactive measures that would provide the best possible service to our students.

Many types of adaptive technology, including the ones described in this proposal, follow the principles of universal design in that they may be utilized not just by those with disabilities but by everyone. Some students without disabilities may find that their work may improve if they used text to speech software and listened to their materials while or instead of reading them, much like books on tape that many students already use when available. The ability to dictate papers using Dragon may be extremely helpful to non-disabled students. However, the vast majority of students on campus are unaware of the availability of this technology. While DSS students would receive priority in the labs, other students would be welcome to use what is available.

Student Technology Fees have funded many student labs on campus. Like other students, students with disabilities pay a technology fee. However, students with disabilities may be unable to utilize the technology available on campus as is, as they require and benefit from adaptive technology. This proposal is asking that the playing field be leveled by providing

student labs that these students can actually utilize so they can function as successful students, just like anyone else.

C. Specific information about the equipment and/or services being requested

Replacing and upgrading the three existing workstations in the DSS lab would include the purchase of two new computers, one laptop, a high speed scanner, new versions of Dragon Naturally Speaking, and additional seats for Kurzweil 3000. It would require support and maintenance from information systems professionals who are able and/or willing to learn about adaptive technology.

All three DSS workstations are being replaced because the technology is outdated and the warranties have expired. UWB makes every effort to replace all computers on campus once the warranties are not longer valid and the DSS computers are long overdue.

The Library has laptop computers that students may check out for limited amounts of time. Unfortunately, students with disabilities are not able to utilize this service because the adaptive technology software has not been installed. We are proposing that one of the existing DSS workstations be replaced with a laptop that DSS students can check out if needed. At all other times, the laptop will be docked and used as a regular workstation. This solution would allow students with disabilities access to a service that all other students are able to benefit from.

D. How the project will be implemented and by whom

Disability Support Services will be responsible for implementing purchases, installation, and providing accessibility to students on this project.

E. What departments will be involved in the installation and support of this project?

Information Systems has generously offered to install, implement, and absorb all the costs for support of all the DSS workstations for UWB.

Many students with disabilities have commented on how they chose to attend UWB because our campus is so accessible. With small classes and a great deal of personal attention, it is a very attractive option for DSS students. However, keeping pace with the anticipated growth of the UWB campus will be challenging in terms of time, energy, and resources. Any number of students with disabilities may enroll at any given time, and unfortunately, students who are

currently attending may become ill or acquire a disability while studying here at UWB. For this, we are under prepared. Additionally, we can also anticipate the return of Gulf War veterans at any time with a wide range of disabilities. DSS offices across the state are preparing to accommodate physical disabilities that will be presented in addition to Post Traumatic Stress Disorder (PTSD) and Traumatic Brain Injury (TBI), conditions that are extremely difficult to accommodate and will require tremendous creativity and additional resources. The availability of current and efficient adaptive technology has become standard in many student services areas and it is this technology that may allow many students, disabled or not, to succeed and become UWB graduates.

Student Technology Fee Request for Funding-Page 2

SYSTEM COMPONENTS

Latitude D630

Intel® Core™ 2 Duo T7500 (2.20GHz) 4M L2 Cache, 800MHz Dual Core, Genuine Windows® XP Professional, SP2, with media

Qty 1

Unit Price \$1,760.78

Catalog Number: 25 RCRC956990-1839612

Module	Description	Product Code	Sku	Id
Latitude D630	Intel® Core™ 2 Duo T7500 (2.20GHz) 4M L2 Cache, 800MHz Dual Core	D63T75	[222-7948]	1
Operating System	Genuine Windows® XP Professional, SP2, with media	XPPRO2	[420-4790]	11
LCDs	14.1 inch Wide Screen WXGA LCD Panel	14WX	[320-5288]	2
Memory	2.0GB, DDR2-667 SDRAM, 2 DIMMS	2G2D6	[311-5687]	3
Internal Keyboard	Internal English Keyboard	ENG	[310-8768]	4
External	Dell 17 inch	1708FP	[320-5291]	5

Monitors	UltraSharp™ 1708FPV Flat Panel, adjustable stand, VGA/DVI				
Graphics	128MB NVIDIA® Quadro NVS 135M™	NVS135M	[320-5485]	6	
Hard Drives	80GB Hard Drive, 9.5MM, 7200RPM	80D72	[341-4568]	8	
Touchpad Options	Standard Touchpad	TPAD	[310-8792]	9	
Floppy Drive	No Floppy Drive	NFD	[340-8854]	10	
Mouse	New Dell USB Optical Mouse with Scroll, All Black Design	DUSB	[310-9720]	12	
AC Adapter	90W A/C Adapter	90AC	[310-7284]	15	
Media Bay Devices	24X CD-RW/DVD w/ Cyberlink PowerDVD™	24CMBVB	[313-5043]	16	
Speakers	Dell A225 Two Piece Stereo System	A225	[313-4298]	18	
Wireless LAN (802.11)	Intel® 4965 802.11a/g/n Dual- Band Mini Card	IPW4965	[430-2375]	19	
System Documentation	No System Documenation	NODOCS	[313-3673]	25	
Batteries	9 Cell Primary Battery	9C	[312-0485]	27	
Carrying Cases	Dell Nylon Corporate Backpack	PACK	[310-7275]	28	
Hardware Support Services	3 Year Limited Warranty plus 3 Year NBD On-Site Service	UI3OS	[982-4052][982-7620][986-8177][986-8178]	29	
Installation Services	No Onsite System Setup	NOINSTL	[900-9987]	32	
Ship Group	US - System Documentation, Power Cord	SHIP	[310-9094]	42	
Docking Solutions	D/Port Advanced Port Replicator	DPORT	[310-7278]	94	
Docking Solutions	D-Family Monitor Stand	DMON	[310-7280]	94	

External Keyboard	Dell USB Enhanced Multimedia Black Keyboard with built-in 2-port USB Hub	USBMMK	[310-7930]	131
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OS Labels	Windows XP Label	VCRN	[466-2909]	750
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TOTAL:\$1,760.78

Dragon NaturallySpeaking Preferred 9.0

Qty 3
Unit Price \$197.99

Manufacturer Part# A109A-WC3-9.0

Dell Part# A0705729

TOTAL:\$593.97

OptiPlex 755 Minitower

Date & Time: January 31,2008 2:12 PM CST

SYSTEM COMPONENTS

OptiPlex 755 Minitower

Qty 2

Intel® Core™ 2 Duo Processor E6550 (2.33GHz, 4M, VT, 1333MHz FSB), Genuine Windows® XP Professional, SP2, x32, with Media, English

Unit Price \$1,523.80

Catalog Number: 25 E1134

Module	Description	Product Code	Sku	Id
OptiPlex 755 Minitower	Intel® Core™ 2 Duo Processor E6550 (2.33GHz, 4M, VT, 1333MHz FSB)	7523T	[223-0592]	1
Operating System(s)	Genuine Windows® XP Professional, SP2, x32, with Media, English	XPP232E	[420-6287]	11
File System	NTFS File System for all Operating Systems	NTFS	[420-3699]	2
Memory	2GB DDR2 Non-ECC SDRAM,800MHz, (2 DIMM)	2G2N82	[311-7374]	3
Keyboard	Dell USB Keyboard, No Hot Keys	EUSB	[310-8010]	4
Monitors	Dell 19 inch UltraSharp™ 1908FP Flat Panel, Adjustable Stand, VGA/DVI	1908FP	[320-5292]	5
Video Card	256MB ATI RADEON HD 2400 Pro (1 DVI/1 TV-out), full height	256DVIF	[320-5739]	6
Boot Hard	160GB SATA 3.0Gb/s	160S	[341-5473]	8

Drives	and 8MB DataBurst Cache™			
Floppy Drive and Media Reader	1.44MB 3.5 Inch Floppy Drive	FD	[341-4005]	10
Mouse	New Dell USB 2-Button Optical Mouse with Scroll, Black	USBOBLK	[310-9627]	12
Basic Systems Management Mode	Intel® vPro™ Secure Advanced Hardware Enabled Systems Management	ACSMVPO	[310-9491]	15
Removable Media Storage Devices	48X32 CDRW/DVD Combo, Cyberlink Power DVD™	COMBO	[313-5424][420-7964][420-7965]	16
Speakers	Internal Dell Business Audio Speaker	INTSPK	[313-3350]	18
Resource CD and DVD	Resources CD contains Diagnostics and Driver for Dell OptiPlex Systems	RCD	[310-9380]	21
Dell Energy Smart	Dell Energy Smart Enable	ESMART	[310-9504]	25
Security Hardware	Chassis intrusion switch option	SWITCH	[310-9505]	26
Hardware Support Services	Recommended: 3 Year NBD Plus (NBD onsite w/ Gold Tech Support)	PUB3YR	[465-5281][983-1152][983-6648][983-6790][987-1247][987-1258][987-9237][987-9238]	29
Installation Support Services	No Onsite System Setup	NOINSTL	[900-9987]	32
Ship Packaging Options	Shipping Material for System, Minitower	MTSHIP	[310-9330]	41
Processor Branding	vPro Sticker	VPRO	[310-9490]	749
Labels	Windows XP Brand	VC	[466-2909]	750
TOTAL:\$3,047.60				

2 Single LearnStations @ \$395 each

HP Scanjet 8270 document flatbed scanner

1 @ \$712.00

TOTAL STF REQUEST: \$6,905.

* This page is a crucial portion of your funding request. Items have to be described in detail, the number of people who this event will serve, quantity and cost of each item, etc. Pricing must be supported by additional documentation from the organization providing the items. Please be specific when listing costs, otherwise your request might not be granted.

The following signatures are required before your application can be considered complete:

Anthony Guerrero, (or designee)
Director, Facility Services

Date

Comments:

Cynthia Fugate (or designee)
Director, Academic Services

Date

Comments:
