

Assistive Technology & Other Resources

Adaptive Equipment and Computer Technologies for Students Who Are Blind or Who Have Low Vision

Adaptation	Description	Brand Name
Screen reader	Text-to-speech software that uses synthesized speech to read text, menus, buttons, dialogue boxes, etc.	<ul style="list-style-type: none"> • JAWS
Document reader and screen magnification	Text-to-speech software that uses synthesized speech to read what is on the screen or on the clipboard (it is not as powerful as a screen reader)	<ul style="list-style-type: none"> • Zoom Text • readplease.com (free download)
Screen magnification	Software that allows for enlargement on the screen	<ul style="list-style-type: none"> • Zoom Text
Optical character recognition (OCR) software (used with a scanner)	Software that converts a printed page that has been scanned into electronic format (text file) for speech output or storage	<ul style="list-style-type: none"> • OpenBook
Voice recognition	Software that allows one to dictate to the computer which recognizes and digitizes one's voice	<ul style="list-style-type: none"> • Dragon Dictate • Dragon Naturally Speaking
Dictionary/thesaurus	Small portable devices that have synthesized speech output	<ul style="list-style-type: none"> • Franklin Dictionary and Thesaurus
Text magnification	CCTV - closed circuit television	<ul style="list-style-type: none"> • Magni-View • SuperView
Tape/CD players	To listen to both 2 and 4 track tapes and CDs (audio books)	<ul style="list-style-type: none"> • Recording For the Blind and Dyslexic

**Adaptive Equipment and Computer Technologies for Students
Who Are Deaf or Hard of Hearing**

Adaptation	Description	Brand Name
Assistive Listening Device (ALD)	Personal FM assistive listening device	<ul style="list-style-type: none"> ● Williams Sound
Telephone Access	TDDs (Telecommunication Device for the Deaf) is available in Student Support Services office for use by students, faculty/staff, public	<ul style="list-style-type: none"> ● Ultratec Superprint
General	Information and demonstration of assistive listening devices, TDDs, and phone amplification	
Spell checkers/ grammar checkers	Software that is built into many word processors	
Spellers	Electronic speller that provides words and definitions; spelling dictionary also available which is an alphabetical list of words	<ul style="list-style-type: none"> ● Franklin Dictionary and Thesaurus
Writing assistance	Software that is designed to assist students with writing (word prediction software, including visual or graphic way to produce outlines and organize material)	<ul style="list-style-type: none"> ● Write Outloud ● textHELP

**Adaptive Equipment and Computer Technologies for Students
With Specific Learning Disabilities**

Adaptation	Description	Brand Name
Screen reader with study aids	Text-to-speech software that uses synthesized speech to read text, menus, buttons, dialogue boxes, etc.; study aids include adding own notes to scanned text, highlighting, adding graphics and color coding	<ul style="list-style-type: none"> ● JAWS
Document reader and screen magnification	Text-to-speech software that uses synthesized speech to read what is on the screen or on the clipboard (is not as powerful as a screen reader)	<ul style="list-style-type: none"> ● ZoomText ● readplease.com (free download)
Screen magnification	Software that allows for enlargement on the screen	<ul style="list-style-type: none"> ● ZoomText
Optical character recognition (OCR) software (used with a scanner)	Software that converts a printed page that has been scanned into electronic format (text file) for speech output or storage	<ul style="list-style-type: none"> ● OpenBook
Voice recognition	Software that allows one to dictate to the computer which recognizes and digitizes one's voice	<ul style="list-style-type: none"> ● Dragon Dictate ● Dragon Naturally Speaking
Dictionary, thesaurus and calculators	Small portable devices that have synthesized speech output	<ul style="list-style-type: none"> ● Franklin Dictionary and Thesaurus
Tape/CD players,	To listen to both 2 and 4 track tapes and CDs (audio books)	<ul style="list-style-type: none"> ● Recording For the Blind and Dyslexic
Spellers	Electronic speller that provides words and definitions; spelling dictionary also available which is an alphabetical list of words	<ul style="list-style-type: none"> ● Franklin Dictionary
Writing assistance	Software that is designed to assist students with writing (word prediction software with synthesized speech output, including visual or graphic way to produce outlines and organize material)	<ul style="list-style-type: none"> ● Write Outloud ● textHELP

**Adaptive Equipment and Computer Technologies for Students
Who Have Orthopedic/Mobility Impairments**

Adaptation	Description	Brand Name
Optical character recognition (OCR) software (used with a scanner)	Software that converts a printed page that has been scanned into electronic format (text file) for speech output or storage	<ul style="list-style-type: none"> • OpenBook
Voice recognition	Software that allows one to dictate to the computer which recognizes and digitizes one's voice; this software also allows you to use your voice rather than the keyboard and mouse to control menus and toolbars such as file, open, save and print	<ul style="list-style-type: none"> • Dragon Dictate • Dragon Naturally Speaking
Writing assistance	Software that is designed to assist students with writing (word prediction software with synthesized speech output, including visual or graphic way to produce outlines and organize material)	<ul style="list-style-type: none"> • Write Outloud • textHELP
Mouse adaptations	Adaptive pointing devices	<ul style="list-style-type: none"> • Kensington trackball
Keyboards	Keyboards for single-handed use or limited range of motion	<ul style="list-style-type: none"> • Datalux
Wheelchair accessibility	Adjustable workstation in all computer labs, adjustable wheelchair accessible tables available for classrooms	
Fitness Equipment	Cardiovascular hand cycle	
Other	Windows applications that allow for keyboard adaptations (these should not be used in conjunction with other software such as Dragon Dictate)	<ul style="list-style-type: none"> • Sticky Keys (to use Shift, Control, or Alt key by using one key at a time) • Filter Keys (to ignore brief or repeated keystrokes or slow the repeat rate) • Mousekeys (allows mouse movements using only the keyboard)