

Assistive Technology

**WYTHEVILLE
COMMUNITY
COLLEGE**



for Students with Disabilities

**Wytheville Community College (WCC)
Student Services
Bland Hall**

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Assistive Technologies Available for Students with Disabilities

As of August 21, 2009, the following are available at WCC for use by students with disabilities:

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Kurzweil 3000

Kurzweil 3000 for Windows is a Microsoft Windows based software program that offers a comprehensive set of tools for Language Learning, Study Skills, and Test Taking in one software package. It is highly flexible and customizable to accommodate diverse learning abilities and requirements for low visual impairments to severe learning disabilities to foreign language learning.

An advanced reading system for students and adults with learning disabilities

Features:

- Supporting language decoding. Kurzweil 3000 provides multisensory learning. Hear and see breaks in syllables, words, sentences, phrases or paragraphs as you read.
- Encourage fluency. Kurzweil 3000 provides opportunities for repetition, and customizing settings to match individual's current target reading and learning levels.
- Aiding self-corrections. Kurzweil 3000 can read back what's typed, and provides easy-to-use and easy-to-access reference and correction tools as students read, write, study and take tests.
- Promoting comprehension. Study skills tools make it easy to produce many types of notes, summaries and outlines for review, and for composing writing assignments.
- Scans and displays pages from any book or document
- Speaks and highlights text: auditory and visual representation
- Talking dictionary: 175,000 words with synonyms
- Choice of reading voice personalities
- Dual highlighting shows words in context as they are read aloud
- Improves reading speed and comprehension
- Voice command recognition- tell K 3000 what to do
- Reads and displays electronic documents
- Proof editor
- Magnify spoken word

Located in the Academic Resource Center (ARC). For additional information, see Jenny Buchanan in Student Services at 223-4754 or Mike McHone at 223-4798.

DRAGON Naturally Speaking

Speech Recognition Software

The user must spend the time from (30-60) minutes to train the program to recognize their voice. This training varies with each user because of accents, speed of speech, etc.

Dragon Naturally Speaking can be used to compose email messages, create reports, draft letters, edit proposals, and more, all by speaking naturally to your computer instead of by typing.

Features:

- General training- helps Dragon Naturally speaking adapt to your Voice. Running general training once is usually sufficient to teach Dragon Naturally Speaking how you speak
- Large vocabulary- comes with a large general English active vocabulary of the words most people use every day. Has a backup dictionary of over 230,000 words
- Correct Recognition errors at any time- you do not have to correct recognition errors as they occur. You can dictate freely, ignoring any errors, and then go back and correct them later. You choose the method that is most natural for you
- Multiple users – supports multiple users on a single computer. Each person can customize Dragon NaturallySpeaking to recognize his or her voice and create a personal vocabulary

LOCATION:

If you need access to this software, please see Jenny Buchanan in Student Support Services located in Bland Hall.

ZOOM Text XTRA

Zoom Text XTRA 7.1 version is a new family of adaptive software designed specifically to meet the needs of the visually impaired. This seamlessly integrates three adaptive technologies:

1. Magnification
2. Screen reading

Features:

- Magnification levels from 2x to 16 x
- Advanced edge smoothing for great looking text at any power
- Specialized zoom windows magnify exactly what you want to see
- Intelligent tracking of the mouse, caret, menus, controls and windows
- Cursor size and color enhancements make finding the cursor a snap
- Filter screen colors with contrast, gray scale and inversion settings

LOCATION:

If you need access to this software, please see Jenny Buchanan in Student Support Services located in Bland Hall.

JAWS for Windows 7.0

Jaws is a smart screen reading program (for the blind or sight impaired) designed exclusively for use with Windows.

JAWS for Windows includes:

- Smart Screen Technology – “hands off” screen reading technology
- Smart Focus- PC Cursor – tells you where you are typing on the screen, menu item selected, etc. JAWS cursor acts like the Mouse cursor
- Speech Pad- uses the numeric pad keys to control the cursors
- JAWS Wizards – built in helpers that pop up at the touch of a key (dictionary)

LOCATION:

If you need access to this software, please see Jenny Buchanan in Student Support Services located in Bland Hall.

CCTV – Closed Circuit Television

ALADDIN by Telesensory

Magnifies hard copy – Primary users: individuals with low or comprised vision

The Classic is a black and white video magnifier designed for use by people who have visual impairments (including "legal blindness") which make it difficult or impossible for them to read ordinary printed materials.

Utilizing the easy-to-use picture control selector, the Classic can display your printed materials in high-contrast black text on a white background or white text on a black background. The white text on black or negative image is ideal for glare reduction. This system also features an extremely large depth of field for viewing three-dimensional objects and a smooth, non-glare reading table which permits reading heavy books.

LOCATION:

Located in the Library in Smyth Hall

MISCELLANEOUS

Trackball Mouse Explorer

Track-ball mouse – Large mouse that is easier to manipulate than standard mouse.

Features:

- Accurate Fingertip Control
- Revolutionary Optical Sensor-High Precision Ball
- Faster Wheel Scrolling
- Forward and Back Internet Buttons
- Comfortable Ergonomic Design
- Leading Edge Style

Works with USB and PS2.

Kensington Turbo Mouse Pro USB

Features:

- Six DirectLaunch™ buttons for instant access to Web sites and applications
- Steel bearings for smooth cursor movement and durability
- Four customizable mouse buttons streamline repetitive tasks
- Scroll wheel speeds through long documents and Web pages
- Large ball provides precision and easy fingertip control
- Symmetrical design right- and left-handed comfort
- USB connectivity for hassle-free plug-and-play

Spell Checkers

Provides auditory feedback with comprehensive dictionary

Micro Cassette Tape Recorders

Records auditory information mobility issues

TOP-ON

Wheelchair Table Top

- Easy to mount onto wheelchair
- Foldable table top and convenient to carry with vinyl pouch
- Adjustable table top angle for reading, and writing

Talking Calculators

Textbooks on Tape

- Recording for the Blind and Dyslexic –must be registered with Student Services
- Limited availability of textbooks

Reading Pens

Reading Pens scan text to assist with reading, understanding and utilizing text.