**Assistive Technology**



**Image Enhancement** – *for blind or visually impaired students*

Tactile Image Enhancer

Produces tactile graphic from hand-drawn images

Visit [www.viewplus.com](http://www.viewplus.com) for more information

**Alternative Input** – *for blind or visually impaired students*

Sewell Raised Line Drawing Kit

Produces tactile drawings from hand-drawn images

**Apple iPad** – *recommended for students with the following disabilities: Blindness, Visual Impairment, Learning Disability, Mobility Impairment*

Table-like computer using the Apple iPhone operating system

Includes Wi-Fi

Several applications available

Useful as a mobile computing devise and ebook reader

Built-in screen reader makes device accessible to blind users

**Flatbed Scanner** – *recommended for students with the following disabilities: Blindness, Visual Impairment, and Learning Disability*

Canon LiDE Series scanner

Scanner used on assistive technology computers on campus

Small, lightweight, and inexpensive

Used in labs to support scanning by scan and read software

**Notetaking for Learning Disabilities:**

*Livescribe Plus Smartpen*

Records audio and links recorded audio to written notes

Allows playback of audio specific to notes

Notes are stored in the notebook, on the pen, on the computer, or on the web

Third-party software can convert handwriting to text

For more information, visit [www.livescribe.com](http://www.livescribe.com)

*IO Gear Mobile Digital*

Allows handwritten notes to be stored digitally on a computer

Third-party software can convert handwriting to text

For more information, visit [www.iogear.com](http://www.iogear.com)

*Sony Digital Recorder*

Useful for recording lectures and meetings for later review

Audio can be moved to a computer or a portable device, such as an iPod

Ask professor for permission to use during lectures

For more information visit [www.sony.com](http://www.sony.com)

**Text Entry for Mobility Impairment:**

*BigKeys keyboard*

Greystone Digital Technologies

ABC and QWERTY formats

Optional keyguard available

For PC use only

For more information, visit [www.bigkeys.com](http://www.bigkeys.com)

*Alternative Trackball Pointing Device*

Trackball that allows control of mouse pointer without hand or wrist motion, and uses four large programmable buttons

Available for Windows and Macintosh computers

For more information, visit [www.kensington.com](http://www.kensington.com)

For students who are able to use limited hand and wrist motion, visit <http://www.taxsys.com/AssistiveTechnology>

*Alternative Head Pointing Device*

Allows hand-free control of mouse printer

Headset and puffstraw or switch communicate with computer via wireless link to control box

Works with on-screen keyboard

For PC use only

For more information, visit [www.prentke-romich.com](http://www.prentke-romich.com)

**Assisted Listening Devices for Hearing Impairments:**

*Phonic Ear Easy Listener FM Systems*

Wireless FM system using transmitter worn by a speaker, and a receiver worn by an individual

For more information, visit [www.phonicear.com](http://www.phonicear.com) or [www.williamssound.com/](http://www.williamssound.com/)

*KA 300 Fire Alarm Monitor System*

Used by deaf individuals

Connects to an in-building fire alarm system

Fire alarm kit that includes a strobe light, very loud alarm, and bedshaker

For more information, visit <http://www.computty.com/>

*Lecture Captioning*

C-print System

Transcription systems based on abbreviations to allow a typist to perform at greater speed

Utilizes two laptop computers, one for the captionist, one for the student for viewing

Provides a meaning-for-meaning transcription

Students view transcript in English without abbreviations

For more information, visit <http://www.ntid.rit.edu/cprint/>