

Assistive Technology

Listed below are the different types of Assistive Technology (AT) available at the Disability Resource Center (DRC) Lab.

Description

- **Text to Speech Programs** – Allows you to listen to class materials you have scanned, text you have written, emails or Internet material. (Kurzweil 3000, Kurzweil 1000, TextHelp Read & Write, ReadPlease).
- **Voice Recognition** – Allows you to dictate (speak to the computer) to write papers or control the computer. Training is necessary to use this program. (Dragon NaturallySpeaking).
- **Word Prediction / Homophone Checker** – Predicts words / phrases as you type, providing assistance with spelling and / or amount of typing. It will also check for homophone errors. For example: He threw the ball vs. He went through the tunnel. (TextHelp Read & Write, Kurzweil 3000)
- **Inspiration** – Software outlining program that allows writers to create web maps or diagrams and convert these into traditional outlines to help with the writing process.
- **Screen Magnification** – Enlarge the screen for visually impaired individuals and has limited speech reading capabilities. (ZoomText, MAGic, Windows Magnifier).
- **Screen Reader** – Reads all information shown on the computer screen and allows access to the computer for visually impaired individuals. (JAWS).

Additional information can be found at: <http://drc.arizona.edu/technology>

Websites for Assistive Technology:

Kurzweil 3000 and Kurzweil 1000 – <http://www.kurzweiledu.com>

TextHelp Read & Write – <http://www.texthelp.com>

ReadPlease – <http://www.readplease.com>

Dragon NaturallySpeaking – <http://www.scansoft.com/naturallyspeaking>

Inspiration – <http://www.inspiration.com>

ZoomText – <http://www.aisquared.com>

MAGic – <http://www.freedomscientific.com>

JAWS – <http://www.freedomscientific.com>

Website Accessibility Resources

Tutorials:

UA Web Accessibility – <http://www.arizona.edu/uaweb/accessible/index.php>

WebAIM (Web Accessibility in Mind) – <http://www.webaim.org>

Jim Thatcher – <http://www.jimthatcher.com>

World Wide Web Consortium (W3C) – <http://www.w3c.org>

Web Accessibility Initiative (WAI) -- <http://www.w3.org/WAI/>

Government Information:

Americans with Disabilities Act – <http://www.ada.gov>

Section 504 of the Rehabilitation Act -- <http://www.dol.gov/oasam/regs/statutes/sec504.htm>

Section 508 of the Rehabilitation Act – <http://www.section508.gov>

Validation Tools:

WAVE – <http://www.webaim.org/products/>

Bobby – <http://bobby.watchfire.com/bobby/html/en/index.jsp>

A-Prompt -- <http://aprompt.snow.utoronto.ca/>

Lynx -- <http://www.delorie.com/web/lynxview.html>

Vischeck -- <http://www.vischeck.com/vischeck/vischeckURL.php>

***HiSoftware – <http://www.hisoftware.com>

AccVerify / AccRepair – <http://www.hisoftware.com/access/repair.html>

TagGen: <http://www.hisoftware.com/taggen/taggen.htm>

Hi-Caption: <http://www.hisoftware.com/hmcc/index.html>

CynthiaSays -- <http://www.cynthiasays.com/Default.asp>

***The UA has a site-license for this validation tool and it is free. Contact Dawn Hunziker (information below) to receive a copy.

Additional Resources:

UA Web Designers Information -- <http://www.arizona.edu/uaweb/webmasters.php>

Disability Resource Center – <http://drc.arizona.edu>

Contact Information:

Dawn Hunziker

Assistive Technology Coordinator

Disability Resource Center

Phone: 626-9409

Email: hunziker@email.arizona.edu