**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](http://drc.arizona.edu/technology)

**Websites for Assistive Technology:**

- TextHelp Read & Write – [http://www.texthelp.com](http://www.texthelp.com)
- ReadPlease – [http://www.readplease.com](http://www.readplease.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:

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/


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

***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

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