

Assistive Technology Resource Center (ATRC): An Overview

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Definition of Assistive Technology

- A broad range of devices, services, strategies and practices that aid in assisting individuals with disabilities.
- An AT device is any item, piece of equipment, or product system that is used to increase, maintain or improve functional capabilities of individuals with disabilities.

-Cook & Hussey

Assistive Technology Resource Center(ATRC)



- ▶ Mission of ATRC is to ensure equal access to technology and electronic information for CSU students and employees with disabilities.
- ▶ Services include:
 - Assessments, Training, Equipment Loans, Resources, Accommodations
 - Consultation and Education regarding ergonomic, ADA, and universal design considerations in technology environments
 - Assistance with making programs, information and course material accessible for students
- ▶ Experiential learning of AT for OT Students

Students who may benefit from services at the ATRC

- **Non-apparent disabilities**
 - Examples: Learning Disorders, Traumatic Brain Injury, Autism Spectrum, Mental Health
- **Sensory**
 - Examples: Blind/low vision, Hearing Impairment
- **Physical**
 - Examples: Neurological, Orthopedic, Cumulative Trauma

ATRC 3-step Process

1.
Intake with
scheduled
appointment

2.
Assessment
of AT

3.
Training on AT

AT to support a variety of Academic Needs

- Reading
 - Alternative formats: audio and/or visual formats, braille
 - Text to speech programs
 - Built-in software on Macs and Windows
 - Examples: mp3, Read and Write
 - ***Demo: Read & Write 10***
- Writing
 - Speech recognition software
 - Spelling and grammar software
 - Word prediction and vocabulary features
 - Paper organization
 - ***Demo: Dragon Naturally Speaking***
- Studying
 - Highlighting features, masking, vocabulary lists
 - ***Demo: WYNN or Read & Write 10***

AT to support a variety of Academic Needs (continued)

- Note-taking and Classroom Participation
 - Digital recorders
 - Livescribe Pen – syncs audio and visual
 - Apps for tablets and smartphones
 - Captioning and FM Systems
 - Portable magnifiers
 - ***Demo: Livescribe Pen***
- Accessing the Computer
 - Alternative keyboards (one-handed, split keyboard, enlarged)
 - Alternative or ergonomic mice (trackball, vertical mouse, touchpad)
 - Positioning (adjustable tables, chairs, foot and wrist rests)
- Test Taking
 - Use of any of the above features and more to help with tests!
- Organization of Assignments and Coursework
 - Checklists and day planners, phone apps, PDAs, google calendars, and more!

Questions?

Check out our website:

www.atrc.colostate.edu

😊 THANK YOU 😊