

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 with disabilities who may benefit from services at the ATRC

- **Non-apparent disabilities**

- Examples: Learning Disorders, Traumatic Brain Injury, Autism Spectrum, Mental Health

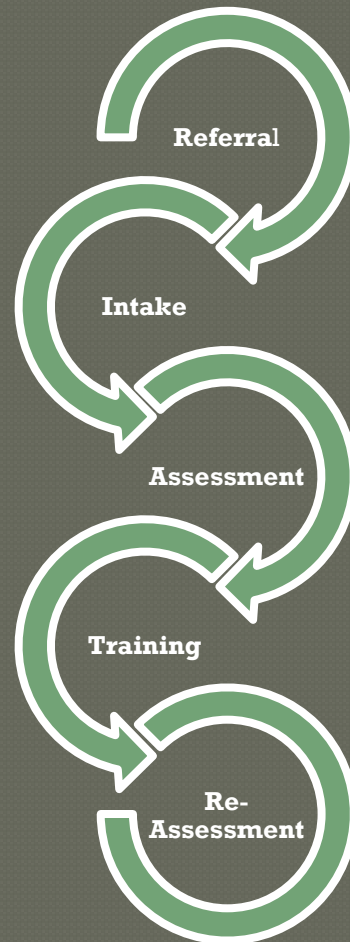
- **Sensory**

- Examples: Blind/low vision, Hearing Impairment

- **Physical**

- Examples: Neurological, Orthopedic, Cumulative Trauma

ATRC 5-step Process for Students



Student Support Services

- ◉ Resources for Disabled Students
- ◉ Center for Advising and Student Achievement (CASA)
- ◉ The Institute for Learning and Teaching (TILT)
- ◉ Academic Achievement Center (AAC)
- ◉ Learning Assistance Program (LAP)
- ◉ CSU Health Network
- ◉ Adult Learner and Veteran Services (ALVS)
- ◉ Native American Cultural Center
- ◉ The Writing Center

AT to support performance and participation in Educational Occupations

● 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

● Writing

- Speech recognition software
- Spelling and grammar software
- Word prediction and vocabulary features
- Paper organization

● Studying

- Highlighting features, masking, vocabulary lists

AT to support performance and participation in Educational Occupations (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
- **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** 😊