

# Innovative STEM and Assistive Technology Integration Workshop

Bridging the gap between STEM education and assistive technology to foster innovation, inclusivity, and real-world problem-solving in our schools.

## Workshop Overview

Join us for a transformative workshop designed to revolutionize how we approach STEM education and assistive technology in K-12 settings. This comprehensive program brings together STEM educators and assistive technology professionals to create powerful, collaborative learning environments.

## Key Components

### 1. Human-Centered Design Partnership Program

- Establish collaborations between engineering students, special education teachers, AT professionals, and students with disabilities.
- Master the Human-Centered Design process, including:
  - Interviewing and problem statement formulation
  - Criteria identification and project planning
  - Idea generation and decision-making
  - Technical drawing and proof-of-concept development
  - Experimentation and evaluation methods
- Create professional portfolios (posters, presentations, videos)
- Strengthen STEM and AT program partnerships through external evaluation.

### 2. Smart Servo Device Training and AT Makerspace Creation

- Hands-on instruction with the versatile Smart Servo device.
- Integrate technology into STEM curricula and assistive solutions.
- Implement Smart Servo applications in IEPs and long-term accommodation plans.
- Transform classrooms into Assistive Technology makerspaces.
- Combine Smart Servo technology with 3D printing capabilities.

## Who Should Attend?

- STEM Educators
- Special Education Teachers
- Assistive Technology Professionals
- District Administrators
- Curriculum Coordinators

## Outcomes

Participants will leave equipped to:

- Foster collaboration between STEM and special education departments
- Implement innovative, inclusive technology solutions.
- Create dynamic, hands-on learning environments.
- Empower students to solve real-world problems through technology.

## Date and Location

[Insert date and location details here]

## Registration

[Insert registration information here]

For more information, contact: [Insert contact details]

