Administration and Funding

The Interdisciplinary Graduate Certificate in Assistive Technology is administered by the Institute for Human Development at Northern Arizona University. Funding for the certificate is made available from a grant from the Department of Health and Human Services, Division of Children, Youth and Families, Administration on Developmental Disabilities and from Northern Arizona University.
Students will acquire knowledge and skills through the 15-hour program of studies. Certificate course work for this program breaks down into three basic components:

- Basic Skills (6 credit hours)
- Specialization (7 credit hours)
- Application (2 credit hours)

**Basic Skills**

*Choose from the following:*

DIS 505 Disabilities and Technology in the Lifespan (3)
Provides information on disabilities and related assistive technologies across the lifespan.

DIS 521 Assessment and Effective Practices in Assistive Technology (3)
Enriches the ability to assess the need for assistive technology and reviews current practices in assistive technology applications.

**Specialization**

*Choose from the following:*

DIS 526 Applications of Assistive Technology for School Aged Individuals: Low Incidence Severe Disabilities (3)
Develops necessary skills in providing assistive technology to school aged individuals with low incidence or severe disabilities.

DIS 527 Applications of Assistive Technology for Adults (3)
Develops necessary skills in providing assistive technology to adults with a range of disabilities in varied environments.

*And you choose one elective from the following:*

DIS 523 Assistive Technology Applications: Positioning and Mobility (3)
Provides fundamental knowledge of strategies for positioning, mobility, mounting, and control interfaces, and the assistive technology tools that are used to enable effective outcomes for persons with disabilities. Throughout the course basic processes, laws, and funding sources that assist in the implementation of assistive technology for positioning, mobility and/or access are addressed.

DIS 524 Assistive Technology Application: Literacy (3)
Provides specific knowledge and skills necessary to implement assistive technology tools and strategies for individuals who struggle to gain the skills of reading, writing, and literacy. This course addresses a range of ages, skill levels, and disabilities.

DIS 525 Assistive Technology Application: Communication Impairment (3)
Provides specific knowledge and skills necessary to implement augmentative and alternative communication strategies with individuals with disabilities.

DIS 528 Assistive Technology Application: Sensory Impairment (3)
Provides specific knowledge and skills necessary to implement assistive technology tools and strategies for individuals with sensory disabilities. This course addresses the sensory impairment areas of hearing, vision, and dual sensory impairment.

*(One to two of the above elective courses are offered each summer. Contact us for additional information on course offerings.)*

*And you take the following:*

DIS 608 Fieldwork Experience (1)
Assistive Technology field experiences in applied and service delivery settings.

DIS 689 Capstone Project (2)
Assistive Technology capstone including assessment and intervention requirements.