ASSISTIVE TECHNOLOGY (EDAT)

400 Level Courses

**EDAT 410: Introduction to Assistive Technology.** 3 credits.
Provides an understanding of assistive technology and application in instructional programs, career tasks, and life skills for individuals with disabilities. Presentation and exploration experiences enable students to better use assistive technology in education, work, community, and home environments. Offered by Graduate School of Education. May not be repeated for credit. Equivalent to EDIT 410.

**Schedule Type:** Lecture

**EDAT 421: Augmentative Communication.** 3 credits.
Provides an overview of augmentative and alternative communication tools for use by individuals with speech and communication disabilities. Exploration experiences enable students to locate, use and train others on the range of AAC technologies available. Field experience may be required. Offered by Graduate School of Education. May not be repeated for credit. Equivalent to EDIT 412.

**Schedule Type:** Lecture

**EDAT 422: Assistive Technology for Individuals with Sensory Impairments.** 3 credits.
Provides an overview of specific technology and resources available to enhance and improve the ability of individuals who are visually impaired/blind or hearing-impaired/deaf. Field experience may be required. Offered by Graduate School of Education. May not be repeated for credit. Equivalent to EDIT 414.

**Schedule Type:** Lecture

**EDAT 423: Accessibility and Input Modifications.** 3 credits.
Provides an overview of accessibility strategies and input modifications designed for use by individuals with disabilities. Exploration experiences enable students to locate, use and train others on the range of technologies available as well as design opportunities for constructing unique devices. Field experience may be required. Offered by Graduate School of Education. May not be repeated for credit.

**Schedule Type:** Lecture

500 Level Courses

**EDAT 510: Introduction to Assistive Technology.** 3 credits.
Provides an understanding of assistive technology and application in instructional programs, career tasks, and life skills for individuals with disabilities. Presentation and exploration experiences enable students to better use assistive technology in education, work, community, and home environments. Offered by Graduate School of Education. May not be repeated for credit. Equivalent to EDIT 510, EDSE 510.

**Registration Restrictions:**
Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Non Degree or Senior Plus.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may not enroll.

**Schedule Type:** Lecture

**EDAT 521: Augmentative Communication.** 3 credits.
Provides an overview of augmentative and alternative communication tools for use by individuals with speech and communication disabilities. Exploration experiences enable students to locate, use and train others on the range of AAC technologies available. Field experience may be required. Offered by Graduate School of Education. May not be repeated for credit.

**Registration Restrictions:**
Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Non Degree or Senior Plus.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may not enroll.

**Schedule Type:** Lecture

**EDAT 522: Assistive Technology for Individuals with Sensory Impairments.** 3 credits.
Provides an overview of specific technology and resources available to enhance and improve the ability of individuals who are visually impaired/blind or hearing-impaired/deaf. Field experience may be required. Offered by Graduate School of Education. May not be repeated for credit.

**Registration Restrictions:**
Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Non Degree or Senior Plus.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may not enroll.

**Schedule Type:** Lecture

**EDAT 523: Accessibility and Input Modifications.** 3 credits.
Provides an overview of accessibility strategies and input modifications designed for use by individuals with disabilities. Exploration experiences enable students to locate, use and train others on the range of technologies available as well as design opportunities for constructing unique devices. Field experience may be required. Offered by Graduate School of Education. May not be repeated for credit.

**Registration Restrictions:**
Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Non Degree or Senior Plus.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may not enroll.

**Schedule Type:** Lecture

**EDAT 524: Universal Design for Learning.** 3 credits.
Describes the foundations and principles of Universal Design for Learning (UDL). Focuses on teaching students with various disabilities including those with learning disabilities from preschool to postsecondary education implementing technology-based and other UDL strategies. Applies UDL principles to the design of accessible instructional materials. Students have the opportunity to develop and implement UDL lesson
EDAT 527: Assistive Technology for Independent Living and Employment. 3 credits.
Provides an overview of assistive technology accommodations and public policy related to independent living for individuals with disabilities throughout their life span. Focuses on assistive technologies that support daily living tasks and workplace accommodations to improve the performance of daily living and work activities for individuals with disabilities. Offered by Graduate School of Education. May not be repeated for credit.

Registration Restrictions:
Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Non Degree or Senior Plus.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may not enroll.

Schedule Type: Lecture

EDAT 597: Special Topics in Assistive Technology. 1-6 credits.
Provides advanced study on selected topic or emerging issue in assistive technology. Offered by Graduate School of Education. May be repeated within the term for a maximum 6 credits.

Registration Restrictions:
Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Non Degree or Senior Plus.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may not enroll.

Schedule Type: Lecture

EDAT 610: Designing Adapted Environments. 3 credits.
Provides an overview of environmental adaptations for individuals with disabilities to increase their access to community, workplace, and school activities. Covers legal issues within the ADA for adapting environments.
and addresses programmatic and physical access issues. Notes: Field Experience required. Offered by Graduate School of Education. May not be repeated for credit.

**Recommended Prerequisite:** EDAT 510.

**Registration Restrictions:**
Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Non Degree or Senior Plus.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

**Schedule Type:** Lecture

**EDAT 649: Assistive Technology Assessment. 3 credits.**
Provides an overview of AT consideration and assessment procedures with emphasis on generated assessment plan and written report. Review and administer existing assistive technology (AT) evaluation instruments. Notes: Field Experience required. Offered by Graduate School of Education. May not be repeated for credit.

**Recommended Prerequisite:** EDAT 510.

**Registration Restrictions:**
Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Non Degree or Senior Plus.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

**Schedule Type:** Lecture