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.

Schedule Type: Lecture
Grading:
This course is graded on the Undergraduate Regular scale.

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.

Schedule Type: Lecture
Grading:
This course is graded on the Undergraduate Regular scale.

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.

Schedule Type: Lecture
Grading:
This course is graded on the Undergraduate Regular scale.

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
Grading:
This course is graded on the Undergraduate Regular scale.

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.

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.

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.

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.

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

Grading:
This course is graded on the Graduate Regular scale.

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 plans. 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

Grading:
This course is graded on the Graduate Regular scale.

EDAT 525: Software and Mobile Applications for Individuals with Disabilities. 3 credits.
Provides overview with software, mobile applications, and accessibility features. Identifies design features to meet individual’s special needs; provides hands-on experiences with the range of software and mobile applications that incorporate evidence-based strategies for individuals with disabilities across environments, settings and the life span. 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

Grading:
This course is graded on the Graduate Regular scale.

EDAT 527: Assistive Technology for Independent Living and Employment. 3 credits.
Provides an overview of activities of daily living (ADLs) for individuals who have disabilities and the elderly. ADLs include but are not limited to assistive technologies that support dressing, feeding, hygiene, housework and safety. 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

Grading:
This course is graded on the Graduate Regular scale.
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

Grading:
This course is graded on the Graduate Regular scale.

EDAT 599: Independent Study in Assistive Technology. 1-6 credits.
Studies assistive technology research, theory, or practice under direction
of faculty member. 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

Grading:
This course is graded on the Graduate Regular scale.

600 Level Courses
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.

Registration Restrictions:
Required Prerequisite: EDAT 510B.
B Requires minimum grade of B.

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

Grading:
This course is graded on the Graduate Regular scale.

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.

Registration Restrictions:
Required Prerequisite: EDAT 510B.
B Requires minimum grade of B.

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

Grading:
This course is graded on the Graduate Regular scale.