



PROGRAM OVERVIEW

The Assistive and Rehabilitative Technology Certificate (ARTC) program focuses on applying science and technology to improve the quality of life of individuals with disabilities. The program prepares individuals for the Assistive Technology Professional and the Seating and Mobility Specialist certifications, administered by the [Rehabilitation Engineering and Assistive Technology Society of North America](#) (RESNA). All required courses are offered online.

APPLICATION REQUIREMENTS

3.0 GPA or higher

A minimum 3.0 cumulative GPA (on a 4.0 scale) for the last degree earned.

Applicants must meet one requirement

1. Eligible for admission to the Graduate School at Ohio State University as evidenced by:
 - A baccalaureate or professional degree (or equivalent foreign credential) from an accredited higher education institution earned by the expected entry date into the certificate program.
 - Submission of TOEFL or IELTS scores for international applicants and those who have held the status of U.S. permanent resident for less than one year from the first day of the first term of enrollment and are not currently an Ohio State graduate student.
2. Currently enrolled as a degree-seeking student in a graduate program at The Ohio State University.

Online Application

Applicants currently enrolled as a degree-seeking student in a graduate program at The Ohio State University must complete a [Graduate Intra-University Transfer application](#). All other applicants must complete a [graduate application](#). Applicants are required to submit all required supplemental documents. Application instructions can be found [here](#).

CERTIFICATE REQUIREMENTS

To obtain the certificate, a student must successfully complete four required courses (12 credit hours) with a minimum C-grade required for each course. Students must also maintain a minimum 3.0 cumulative GPA in the graduate certificate program. Due to the nature of the program, transfer or EM credit cannot meet any certificate course requirements. Additionally, fifty percent of the certificate coursework must be distinct from current graduate degree coursework. Undergraduate sections of the required coursework cannot be applied to the graduate certificate.

Before enrolling in the last required course, an *Application for Certificate Completion* must be submitted via [GradForms](#) to formally receive the certificate at the end of the semester of course completion. Students who complete the graduate certificate program are not eligible to participate in graduation ceremonies, except if they also graduate from a degree-seeking program that same semester. All certificate students will be mailed a completion document in the form of a certificate after the semester of completion.

APPLICATION DEADLINES

Applications are accepted each semester. Application submission is required at least one semester before intended enrollment in the initial required course. The deadline applies to both US and international applicants. Admission notifications will be issued within 30 days of the posted deadline.

Term	Application Deadline
Spring 2024	10/17/2023
Summer 2024	3/1/2024
Autumn 2024	6/5/2024

THE GRADUATE ARTC PROGRAM BEST SUITS:

- Individuals looking for a post-professional certificate to set themselves apart in their current or future employment.
- Graduate-level degree-seeking students are currently enrolled in engineering, health, and rehabilitation sciences or special education programs.

EMPLOYMENT OPPORTUNITIES

- Assistive technology
- Accessibility customer service
- Rehabilitation technology
- Graduate school opportunities (Clinical and research)
- Job promotion/transition opportunities



CERTIFICATE COURSEWORK

Required Course:

HTHRHSC 5100 (3) Introduction to Assistive Technology

Students learn to develop and implement assistive technology (AT) devices and services. The course includes information on disability, computer access/technology, alternative and augmentative communication, electronic cognitive devices, driver's rehabilitation, low vision technologies, seating and wheeled mobility, electronic activities of daily living, and home automation. **Offered: Autumn, Spring, and Summer**

HTHRHSC 5100 must be taken in the first semester of enrollment, either alone or with another required course. The remaining coursework can be completed in any order. If students have completed HTHRSHC 5100 at the undergraduate level, they must complete all four courses listed below to meet the 12-credit hour requirement for this certificate program.

Additional Courses (select three):

HTHRHSC 5200 (3) Assistive Technology for Seating and Mobility

Students learn how to develop and implement seating and mobility devices and services. The course includes information on mobility devices, including canes, crutches, walkers, manual wheelchairs, power wheelchairs, scooters, and power add-on devices. **Offered: Spring**

HTHRHSC 5400 (3) Computers, Communication, and Control Technologies for Individuals with Disabilities

Students learn to develop and implement assistive technology devices and services focusing on computer, communication, and control technologies. The course includes information on communication technologies, control interfaces, electronic aids to daily living, internet of things, zero-effort technologies, educational technologies, and emerging technologies. **Offered: Autumn**

HTHRHSC 5450 (3) Assistive Technology for Sports and Recreation

Students learn to develop and implement assistive technology devices and services in adapted sports and recreation. The course includes technology for Paralympic sports, summer sports, winter sports, video games, and recreation. The course will review principles of anthropometrics, biomechanics, and ergonomics as it applies to adapted sports and recreation.

Offered: Spring

HTHRHSC/SPHRNG 5860 (3) Augmentative and Alternative Communication (AAC)

Students will learn the various modes of AAC, procurement, funding, and intervention for those with complex communication needs secondary to various diagnoses. **Offered: Spring**

The graduate ARTC program curriculum leverages the graduate student's knowledge, skills, and experiences. The program allows the student to critically analyze assistive and rehabilitation technology, synthesize technology to meet the functional goals of individuals with a disability, and justify the need for assistive and rehabilitative technology. This program can be completed in two semesters with continuous enrollment or at a desired pace.

International applicants should be aware that countries may or may not regulate distance education provided to students in their jurisdiction or require foreign higher education institutions to comply with distance education regulations. At this time, the Ohio State University cannot guarantee that an academic program meets curriculum requirements in your country.

Ohio State academic programs are designed to prepare students to sit for applicable licensure or certification in Ohio. If you plan to pursue licensure or certification in a state other than Ohio, please review state educational requirements for licensure and certification and state licensing board contact information [here for online programs](#) and [here for on-campus programs](#).

Questions? Contact the School of Health and Rehabilitation Sciences at 614-292-1706 or HRSstudentservices@osumc.edu

Updated June 2023