



## PROGRAM OVERVIEW

The online Assistive and Rehabilitative Technology Certificate (ARTC) undergraduate program focuses on the application of 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, which are administered by the [Rehabilitation Engineering and Assistive Technology Society of North America](#) (RESNA).

## APPLICATION REQUIREMENTS

**1 2.0 GPA or higher**  
A minimum 2.0 cumulative GPA (on a 4.0 scale) in all coursework taken at all accredited higher education institutions.

**2 Online Application**  
The [application](#) is available online and must be completed and submitted with all required supplemental documents. [Application instructions](#) are also available.

## APPLICATION DEADLINES

Applications are accepted each term. Application submission is required at least one term prior to intended enrollment in the initial required course.

Term	U.S. applicant	International applicant
Spring 2022	11/30/21	10/30/2021
Summer 2022	4/1/2022	3/1/2022
Autumn 2022	7/22/2022	6/22/2022

## CERTIFICATE REQUIREMENTS

To obtain the ARTC undergraduate certificate, the required coursework (12 credit hours) must be completed with a minimum C- grade for each course. Students must also maintain a minimum 2.0 cumulative GPA in the undergraduate certificate program. Due to the nature of the program, transfer or EM credit cannot meet any certificate coursework requirements. Additionally, fifty percent of the certificate course work must be distinct from current undergraduate degree coursework.

Before enrollment of the last required course, [a graduation application](#) must be submitted to the HRS Office of Academic Affairs to formally receive the certificate at the end of the semester of course completion. Students who successfully complete the undergraduate certificate program are not eligible to participate in the HRS Honors program, Research Distinction in their field of student, Latin honors designations, and University Commencement, except if they are also graduating from a degree-seeking program that same term. If students are not graduating from a degree-seeking program, they will receive a mailed completion document in the form of a certificate after the term of completion.

## THE UNDERGRADUATE ARTC PROGRAM BEST SUITS:

- Those currently employed as a rehabilitation technician or technologist or for those that are looking to become one.
- Undergraduate students who 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 how 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. **Term Offered: Autumn, Spring, and Summer**

*\* HTHRHSC 5100 must be taken the first semester of enrollment either alone or with another required course. Remaining coursework can be completed in any order.*

### 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. The course also includes information on seating systems including seat cushions, back supports, and postural supports. **Term Offered: Spring**

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

Students learn how to develop and implement assistive technology devices and services which focus 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. **Term Offered: Autumn**

#### **HTHRHSC 5450 (3) Assistive Technology for Sports and Recreation**

Students learn how 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. **Term Offered: Spring**

#### **HTHRHSC/SPHRNG 5860 (3) Augmentive and Alternative Communication (AAC)**

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

The undergraduate ARTC program curriculum provides a foundation for assistive technology devices, services, strategies and practices and builds on the foundation in specialty courses.

This program can be completed in one year 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 its 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.

### Questions?

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