

Orthopaedic Technology

Degree Type

Associate of Science

Orthopaedic technology is the art of casting and splinting broken bones and muscular injuries. NHTI's Orthopaedic Technology degree program is one of only seven in the country and the only one in New England. You'll train in casting, splinting, and anatomy and physiology of the body and patient care specific to the field. You'll complete hands-on training in the on-campus lab and in externships throughout N.H. and in the U.S. All courses and clinical externships are taught by industry professionals and leaders. Students in this program are active on campus with the Orthoblast Club. This program is financial aid-eligible.

Do you have questions? Contact Amy VonKadich, department chair, at avonkadich@ccsnh.edu or 603-271-6484 x4332, or Naomi Simard, program coordinator, at nsimard@ccsnh.edu.

Career Information

Job placement for graduates is excellent. Students who complete this program have opportunities to work in private practice, hospitals, clinics, and athletics. Our students complete externships through clinical facilities such as Concord Orthopedic, the Children's Hospital in Washington, D.C., and Massachusetts General Hospital. Upon completion of the program students are eligible to take the national registry exam. Graduates are eligible to take the national certification exam.

Admission Requirements

Apply for this program today on our [Admissions page](#) with step-by-step instructions and enrollment pathways build just for you!

Preference will be given to applicants whose applications are complete (with the exception of the interview) and received by the Admissions Office by the application deadline. Applications completed after the deadline will be considered on a space availability basis until the program is full.

Fall 2023 Admission

The application deadline is March 3, 2023.

Fall 2024 Admission

The application deadline is March 1, 2024.

- High school diploma or proof of high school equivalency
- Personal interview
- A completed course in **BLS CPR** from the American Red Cross, American Heart Association, or the National Safety Council. Online-only programs are not approved. For more information on CPR requirements, see [Health Services](#).
- Applicants must write an essay on their desire to enter the Orthopaedic Technology program; instructions on how to complete this requirement can be downloaded at this link: [Orthopaedic Technology Admission Essay Requirements](#) and are available from the Admissions Office at NHTIadmissions@ccsnh.edu.
- Complete a course in CPR and Airway Obstruction Management for healthcare providers/professional rescuers prior to program registration; this may be completed after acceptance.

Students who wish to enter this degree program and are enrolled in another NHTI program must complete and submit the [Change of Program form](#) and submit it to the Admissions office at NHTIadmissions@ccsnh.edu.

Curriculum

First Year

Fall Semester

Item #	Title	Lecture Hours	Lab Hours	Credits
BIOL120C	Human Biology	3	2	4
ENGL101MC	English Composition: Mindful	4	0	4
HLTH101C	Medical Terminology	3	0	3
PSYC105MC	Introduction to Psychology: Mindful	3		3
Subtotal Credits		13	2	14

Spring Semester

Item #	Title	Lecture Hours	Lab Hours	Credits
	ENGL120MC/COMM120MC	3	0	3
	Mathematics elective (MATH 120C or higher level)	4	0	4
PHIL242C	Contemporary Ethical Issues	3	0	3
PSYC220C	Human Growth and Development: The Life Span	3	0	3
Subtotal Credits		13	0	13

Second Year

Fall Semester

Item #	Title	Lecture Hours	Lab Hours	Credits
ORTH101C	Orthopaedic Anatomy and Physiology I	3	0	3
ORTH103C	Basic Radiology Interpretation	3	0	3
ORTH108C	Casting and Splinting I	2	6	5
ORTH109MC	Introduction to Orthopaedics	2	1	2
ORTH113C	Orthopaedic Patient Care	2	2	3
Subtotal Credits		12	9	16

Spring Semester

Item #	Title	Lecture Hours	Lab Hours	Credits
ORTH102C	Orthopaedic Anatomy and Physiology II	3	0	3
ORTH104C	Physical Assessment of the Orthopaedic Patient	3	2	4
ORTH150C	Spring Externship	0	16	3
ORTH208C	Casting and Splinting II	2	6	5
Subtotal Credits		8	24	15

Summer Semester

Item #	Title	Lecture Hours	Lab Hours	Credits
ORTH112C	Traction	1	2	2
ORTH220C	Senior Externship and Capstone Experience	1	16	6
Subtotal Credits		2	18	8
Total Credits				66

Additional Information

Students must achieve grades of C or higher in all general education courses including HLTH 101C to be eligible to register for ORTH 101C and other major field courses.

Accreditation

This program is recognized by the National Board for Certification of Orthopaedic Technologists (NBCOT).

Mindful Communication Option

Students who completed a non-Mindful Communication version of a course at another institution may be waived from the MC version of the courses at NHTI. Students who wish to opt-out of the Mindful Communication coursework may contact the department chair.