



Respiratory Therapy

SCHOOL OF HEALTH AND PUBLIC SAFETY

Overview

Our intensive Respiratory Therapy program trains you to diagnose, treat, and manage cardio-respiratory patients in various medical settings.

This program leverages theory and practical application to equip you with the skills needed for a successful career.

In this program, you will:

- learn life-saving procedures like cardiopulmonary resuscitation and advanced ventilator management
- master oxygen and aerosol therapies to support patient breathing
- develop comprehensive skills in patient evaluation
- gain experience with pulmonary function testing and blood analysis
- engage in simulations that mimic real patient responses in SAIT's Centre for Advanced Patient Care Simulation
- acquire hands-on experience in diverse settings, including ICU, emergency departments and home care environments
- benefit from classroom studies that cover new technologies and best practices in care for the respiratory system.

Embark on a career as a therapist in acute and community care settings, diagnostic labs and beyond. With experience, you can move into education, research, administration or management roles within the healthcare sector.

With a history of training successful graduates since 1970, our program is a beacon for those looking to make an impact in respiratory therapy.

Traits, skills and aptitudes

Respiratory therapists tend to be objective, methodical and innovative.

You need:

- effective communication skills
- organization, critical thinking and problem-solving skills
- the ability to tolerate the sight of human blood and tissue
- physical stamina to transport, lift, and position patients and equipment
- compassion and an interest in caring for others
- the ability to act quickly and decisively in a crisis
- the ability to work well under stress, maintain professional behaviour and regulate your emotions
- the ability to work on your own and within a team.

You will need to wear personal protective equipment (PPE) for long periods, which includes exposure to latex and other disinfection materials. You should be comfortable performing patient care procedures in very close proximity to your patients.

Some roles require extended work hours and shift work, including nights and weekends.

If you intend to work in Alberta after graduation and your first language is not English, you will need to meet the English language requirements of the [College of Respiratory Therapists of Alberta \(CRTA\)](#).

You are encouraged to refer to the [ALIS website for career, learning, and employment information for respiratory therapists](#) and the [National Competency Framework](#) for the profession to ensure you can successfully meet the occupational requirements for the program and profession.

Academic path

The opportunity to advance your education by transferring into this program or gain credit for previous postsecondary courses may be available.

There may also be opportunities to further your education once you graduate.

Learn more about [program and institution transfer options](#).

Professional designations and certifications

Our Respiratory Therapy program is accredited by Accreditation Canada. SAIT works closely with our advisory committee to ensure our curriculum continues to exceed provincial and national accreditation standards.

Graduates must successfully challenge the [Health Professionals Testing Canada \(HPTC\)](#) examination to earn the right to practice respiratory therapy in Canada. Most provinces in Canada have a provincial regulatory body, which you will need to join to work in that province.

All graduates may become members of the [Canadian Society of Respiratory Therapists \(CSRT\)](#) by paying the membership fee required in an unregulated province.

Some regulators require applicants to take a specific English language assessment to register. For example, the College of Respiratory Therapists of Alberta requires a benchmark score of nine in all the Enhanced Language Training Placement Assessment categories. Please contact the regulator of the province you wish to work in to determine their specific requirements.

Credentials

After successfully completing this program, you'll be awarded a SAIT Respiratory Therapy diploma.

Practicum, Co-op and Work Integrated Learning

You'll complete practicum rotations in adult, pediatric and neonatal intensive care units, the emergency department, anesthesia, wards, home care, pulmonary function and blood gas labs.

Your shifts will be scheduled during weekdays, weekends, evenings or overnight hours. During the program's third-year practicum rotation, you'll spend most of your time in the workplace but will be required to return to SAIT for one week each semester, regardless of your practicum location.

You will be assigned practicum placements with consideration given to your preference of location. However, due to limited availability in Calgary, it might be necessary for you to travel or relocate outside the city.

Special considerations will not be accommodated. You will be responsible for covering the associated fees of the practicum, including entrance requirements, relocation, and travel costs.

In compliance with the practica agreements with our clinical partners, you will be required to provide specific documentation before you can participate in your practicum. [Find out what requirements you need for this program](#).

In addition to the standard requirements, you'll need to complete the Neonatal Resuscitation Program offered by the Canadian Pediatric Society. Proof of completion must be submitted before your fifth semester. The certification must be valid for the entire practicum year.

Specialized Intakes

Some seats in this program are reserved for applicants currently residing in Saskatchewan and Manitoba via our [interprovincial health training agreements](#). Some intakes are exclusively for these applicants. Limited space is available.

Admission requirements

Applicants educated in Canada

Applicants must demonstrate [English language proficiency](#) and meet the following requirements or equivalents.

- at least 70% in Math 30-1, or at least 75% in Math 30-2,
- at least 70% in English Language Arts 30-1,
- at least 70% in Chemistry 30,
- at least 70% in Biology 30.

Applicants must also score at least 50% in the [School of Health and Public Safety's entrance testing process](#).

If you intend to work in Alberta after graduation and your first language is not English, you will need to meet the English language requirements of the [College of Respiratory Therapists of Alberta \(CRTA\)](#).

SAIT accepts [high school course equivalents](#) for admission for applicants educated outside Alberta.

Applicants educated outside of Canada

All applicants who were educated outside of Canada must demonstrate English Language proficiency and provide proof they meet the program admission requirements with an international document assessment. [Find out what educational documents are accepted and assessment options](#).

SAIT may also accept courses completed at certain [international post-secondary institutions](#).

Costs

2024/25 tuition and fees

The following estimated costs are effective as of July 1, 2024.

Domestic Students

Year	Number of semesters	Tuition fees	Additional fees	Total per year
1	2	\$4,800	\$1,608	\$6,408
2	2	\$4,800	\$1,608	\$6,408
3	3	\$5,760	\$1,742*	\$7,502
Total cost:				\$20,318

The estimated total cost of tuition and fees for domestic students is based on the recommended course load per year.

*You will be ineligible for the UPass during your third year.

Books and Supplies

Books and supplies are approximately \$2,500 per full-time year.

This is a bring-your-own-device program with a standard computer hardware and software requirement. See the specific requirements on our [computers and laptops page](#).

Find your booklist on the [SAIT Bookstore's](#) website. The booklist will be available closer to the program start date. Can't find your program or course? The bookstore didn't receive a textbook list. Contact your program directly to determine if they're still refining course details or if you're in luck; no textbook purchase is required this term.

Students are responsible for any additional expenses related to their practicum, including pre-practicum requirements outlined by the program and relocation costs to practicum sites outside of Calgary.

Required equipment/tools

The clinical practicum experience includes rotations through adult intensive care, neonatal intensive care, pediatric intensive care, home care, surgical suites, and wards. You will be evaluated on your competency performance during practicum using a tracking system called [CompTracker](#).

You will require a wifi-enabled Apple tablet that can run the most up-to-date operating system to support the CompTracker system. Keyboards are advisable but not mandatory. Smartphones are not acceptable devices for CompTracker.

There is a required \$75 user license fee billed each year for the program's first two years, and a \$75 fee per semester in the third year.

Required personal protective equipment (PPE)

You will need your uniform for orientation day, the first day of classes, so order your uniform early. You are expected to wear scrubs for your simulated labs, including the Centre for Advanced Patient Care Simulation and clinical experience.

in-rt-uniforms-600x590.jpg



These scrubs can be purchased at:

Universal Workwear
Bay 11, 2135-32nd Ave NE
Calgary, AB T2E 6Z3
Tel: 403.717.3780
Toll-free: 1.866.442.7303

A stethoscope is part of your uniform and is available at Universal Workwear. Stethoscopes need to be brought to all patient assessment labs and simulation labs.

You'll also be required to purchase Lab Supply Kits in semester one before attending your labs. Purchase these at the SAIT Bookstore (which processes the payment) and then bring your receipt to room NR105 in the Senator Burns building where you will be given the lab kit once proof of purchase is confirmed.

Students outside of Calgary

If students live outside of the Calgary area, they have two options to consider regarding the purchase of their uniform to have it for orientation and the first day of classes.

- Wait until you move to Calgary to order your uniform in person so that you can try on the tops before your name is embroidered and SAIT crest is added. If you choose this option, please allow yourself at least two to three days for Universal Workwear to have it ready for pick-up, as you must wear your uniform to Orientation.
- Find a local scrub provider who carries the **MOBB brand** of scrubs, and try them on for fit. Then, please place your order by calling Universal Workwear at 1.866.442.7303 (toll-free) so they may have your uniform ready for you once you arrive in Calgary. If you use this option, then please take some time to review the photo of your uniform to know what to look for. The following styles for tops are the only accepted styles:
 - Ladies: T3030 or 308T
 - Mens: T4010 or 301T

Additional fees

- College of Respiratory Therapists of Alberta (CRTA) annual dues are approximately \$425.
- Canadian Society of Respiratory Therapists (CSRT) annual dues are approximately \$100 for students and \$180 for regular members.
- The Canadian Board of Respiratory Care (CBRC) exam fee is approximately \$900.
- There is a fee associated with obtaining a police information check, including a Vulnerable Sector Check and it is payable to the Police or the Royal Canadian Mounted Police (RCMP)
- You must have your immunizations reviewed by the SAIT Health Clinic. There is a \$75 charge to review vaccine history. Any vaccines to be administered will result in additional charges.
- A fee of approximately \$50 – \$100 is associated with an Electronic Student Permit Checking submission required for clinical practicum placements, payable to Synergy Gateway through the Verified software platform.

2023/24 tuition and fees

The following costs are effective until June 30, 2023.

Domestic Students

Year	Number of semesters	Tuition fees	Additional fees	Total per year
1	2	\$4,530	\$1,570	\$6,100
2	2	\$4,530	\$1,570	\$6,100
3	3	\$5,436	\$1,716	\$7,146
Total cost:				\$19,346

The estimated total cost of tuition and fees for domestic students is based on the recommended course load per year.