

Respiratory Therapy

Respiratory Therapists are healthcare professionals who assist physicians with the diagnosis and treatment of lung disorders. Most respiratory therapists work in hospitals in neonatal nurseries, operating rooms, intensive care units, general wards and emergency departments. Respiratory therapists may also work in community settings such as homecare, asthma clinics, research, and medical equipment sales and service. Respiratory therapists require good judgment, excellent interpersonal skills, and the ability to maintain their composure in critical medical situations.

OBJECTIVES

1. Explain the theory behind all procedures outlined in the Syllabus of Studies of the Canadian Society of Respiratory Therapists.
2. Apply theoretical knowledge to clinical practice.
3. Perform all procedures outlined in the Syllabus.
4. Use all equipment related to procedures outlined in the Syllabus.
5. Demonstrate understanding of the therapist's role in health care, and function with responsibility and empathy as members of the health care team.

CURRICULUM

The three year Respiratory Therapy program combines lectures and laboratories with supervised clinical experience. Program topics include: anatomy, physiology, microbiology, chemistry, physics, pharmacology, pathophysiology, respiratory therapy procedures, respiratory therapy equipment, mechanical ventilation, cardiopulmonary diagnostics, pediatric and neonatal care.

Graduates of the program at the Prince Philip Drive Campus will be eligible to write the Canadian Board for Respiratory Care (CBRC) national certification examinations. Successful candidates earn the Canadian Society of Respiratory Therapists (CSRT) Registered Respiratory Therapist (RRT) credential. The CSRT is the national professional organization for respiratory therapists.

ACCREDITATION

The Respiratory Therapy program at the Prince Philip Drive campus is accredited by the Council on Accreditation for Respiratory Therapy Education (CoARTE).

PROGRAM TRANSFERABILITY

Graduates may elect to further their studies and obtain a Bachelor of Technology degree from Memorial University of Newfoundland or a Bachelor of Sciences (Post Diploma, Human Science) from Athabasca University.

ENTRANCE REQUIREMENTS

Applicants wishing to pursue a career in Respiratory Therapy must complete the Medical Sciences I (General) program of studies. Selection to Respiratory Therapy is competitive and will occur at the end of the second semester.

Selection:

1. Students will compete for entry into the third semester.
2. Competition will be based on academic standing in semesters 1 and 2 of the Medical Sciences I (General) program. Students must pass all first and second semester (minimum 50%) courses and have a minimum G.P.A. of 2.00 to be considered for admission to the third semester.
3. The student's weighted average at the end of the second semester will be used to calculate academic standing for purposes of competition. In the case of students who have been exempted from courses in the first and second semesters, the mark obtained in the course completed by the student at another post secondary institution, or other College program will be used in calculating the weighted average as if the course had been completed as part of the Medical Sciences I (General) program.

Students must submit an official Preadmission Physical Examination and Proof of Immunization form as well as a Certificate of Conduct from the Royal Newfoundland Constabulary (RNC), the Royal Canadian Mounted Police (RCMP) or local provincial/municipal force prior to registration.

DIPLOMA

- Three years
- September start
- Prince Philip Drive Campus

COURSES

CODE TITLE Hrs/wk
Semester 1 and 2 – Refer to Medical Sciences I (General)

Semester 3 (Interession I)			Cr	Le	La
BL2100	Biology		2	3	3
PS2340	Organizational Behavior		4	4	0
PS1100 or PS1150	Psychology		2	2	0
CH2200 or CH1150	Chemistry		2	3	3

Semester 4			Cr	Le	La
BL2330	Cardiopulmonary Physiology		4	4	0
BL2340	Cardiopulmonary Pathophysiology		4	4	0
BL2410	Microbiology		3	3	0
RT2200	Gas Supply & Control		5	4	3
RT2300	Pharmacology		3	3	0
RT2450	Respiratory Therapy Procedures		4	4	3
SD1610	Clinical Orientation			P/F	3

Semester 5			Cr	Le	La
RT2230	Mechanical Ventilators		4	3	3
RT2220	Mechanical Ventilation		4	3	3
RT2310	Anesthesia		3	3	0
RT2451	Neonatal/Pediatric Respiratory Care I		3	2	2
RT2500	Cardiopulmonary Diagnostics		4	3	4
SD1611	Clinical Orientation			P/F	3

Semester 6 (Interession II)			Cr	Le	La
RT3401	Comprehensive Respiratory Care		2	4	0
SD1630	Working in Health Care		3	3	0
RT2452	Neonatal/Pediatric Respiratory Care II		3	2	2
RT3450	Clinical Respiratory Therapy			3	

Clinical Year (August-June)

Semester 7			Cr	Wks
RT1612	Clinical Orientation		1	1
RT3510	Clinical Practicum I		15	15

Semester 8			Cr	Wks
RT3520	Clinical Practicum II		15	15

Semester 9			Cr	Wks
RT3530	Clinical Elective		7	7

During the third year of the program students will rotate through various training sites of the Eastern Regional Integrated Health Authority (RIHA). For the clinical elective course, students may have the opportunity to avail of training placements with other RIHA's within the Province of Newfoundland and Labrador.

Students must possess a valid St. John Ambulance Emergency First Aid Certificate and a Basic Cardiopulmonary Resuscitation Certificate to be eligible for Diploma from the College.

