



CONESTOGA

HEALTH & LIFE SCIENCES

Advanced Neonatal Care for the Respiratory Therapist (Certificate Program) #1441

The Advanced Neonatal Care for the Respiratory Therapist certificate program will be of interest to Registered Respiratory Therapists who wish to best prepare themselves for practice in a neonatal intensive care environment. The program builds on the knowledge and skills gained during the pre-registration respiratory therapy program through a combination of on-line theory, skills acquisition and clinically immersive simulation.

■ Program information

The program consists of 48 hours of theory (self-directed/on-line) and 42 hours practical / simulation activities, for a total of 90 hours. All program requirements must be completed within 2 years of commencing the program.

■ Admission Requirements

Students must be graduates of an accredited Canadian respiratory therapy program, certified and in good standing with the regulatory college applicable to their home jurisdiction.

■ Admission procedures

- Submit a completed Conestoga College Program Application Form.
- Attach proof of Admission Requirements.
- Admission decisions are made following an assessment of the admission requirements.
- After acceptance into the program, enroll in the courses open to you through the student portal.

■ Program Outcomes:

Through successful completion of this program, the graduate will:

1. Practise in a professional manner, and in accordance with Respiratory Therapy Standards of Practice
2. Demonstrate an evidence informed approach to practice and a commitment to life-long learning
3. Communicate and collaborate effectively with families, colleagues and members of the interprofessional health care team.
4. Conduct complete neonatal patient assessments including health history taking, physical assessment and diagnostic modalities
5. Interpret and apply specialized knowledge, skills and information to plan, implement, and evaluate treatment / therapeutic interventions to optimize neonatal patient's health outcomes.
6. Promote a family-centered approach to neonatal care.

■ For more information please contact:

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■ Courses

The Advanced Neonatal certificate program includes the following courses:

Level 1

NURS1000 (101) Neonatal Resuscitation Program

This course consists of self-directed review of theoretical material, challenging the on-line examination and a day of practical skill development with incorporated simulated resuscitation and debrief experiences.

RTH8000 (100) Advanced Neonatal Care for the Respiratory Therapist

This course is comprised of eight on-line units, one practical skills acquisition day, and two days of clinically immersive simulation.

This course emphasizes the following domains of theoretical learning: neonatal physiology, maternal risk factors, labour and delivery, neonatal pathophysiology, Vermont Oxford Network and EPIC guidelines, mechanical ventilation, collaborative care and communication. In practical skills acquisition lab and clinical immersive simulations, students will apply this learning and develop skills / capabilities required for practice in the neonatal intensive care unit.

Level 2

RTH8010 (100) Care of the Extremely Low Birthweight and Critically Ill Infants

This course is comprised of six on-line units, one practical skills acquisition day, and two days of clinically immersive simulation.

This course emphasizes care of the extremely low birthweight and critically ill infants. The domains of theoretical learning include: Critical appraisal of research, Vermont Oxford Network and EPIC guidelines, advanced mechanical ventilation, whole system approach to patient management, transport of the critically ill infant and emerging trends and therapies in the NICU. In practical skills acquisition lab and clinical immersive simulation the students will apply this learning and develop skills / capabilities required for management of extremely low birthweight and critically ill infants