

PROGRAM GUIDE

Faculty of Health Sciences Critical Care

2023-2024



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Please note the following important information:

Durham College strives to ensure the accuracy of the information in this publication. Please note that the academic curriculum is continually reviewed and revised to ensure program quality and relevancy. As such, the college reserves the right to modify or cancel any course, program, fee, procedure, and timetable or campus location at any time. Please consult the [Durham College website](#) for the most current information.

June 2023

A Message from the Executive Vice President, Academic

On behalf of Durham College (DC), I would like to extend a warm welcome to you for the upcoming academic year. It is an exciting time, whether you are a returning student, getting back into the swing of things, or this is your first year of college.



You have made a great choice with DC. We offer a comprehensive range of exceptional academic programs and student services. Our faculty members are experts in their respective fields, and they are dedicated to providing you with the knowledge and skills needed to excel in your future careers. Our students develop the professional, intercultural and durable skills required to realize meaningful careers and make a difference in the world.

We support students by delivering excellence in teaching and learning, and providing opportunities for experiential learning, applied research and technology-enabled education. Our goal is to inspire students to create success for themselves and their communities through the best in innovative and transformative education.

As we start the new semester, it's important to recognize the evolving nature of how we live, work and learn. By choosing to study at DC this year, you've demonstrated a willingness to adapt and grow, which will help you move forward with your studies and life. I encourage you to take advantage of all that we have to offer. Be sure to get to know your faculty members, program coordinator, student advisor, and all the other employees on campus who are committed to your success. These individuals can provide valuable information and resources to support your studies and career planning. Get involved in campus life, connect with your peers, and make the most of your time here.

We are honoured to be a part of your educational journey and can't wait to see the great things you will achieve during, and after, your time with us. Together, we're leading the way.

Best wishes for a successful academic year!

A handwritten signature in black ink that reads "Elaine Popp". The signature is written in a cursive, flowing style.

Dr. Elaine Popp
Executive Vice President, Academic

A Message from the Executive Dean, Faculty of Health Sciences

Dear Students,

On behalf of the Faculty of Health Sciences (FHS), I am delighted to extend a warm welcome to all our new and returning students. You are about to embark on a new academic year, one filled with possibilities and opportunities.



To our new students, I want to congratulate you on taking this important step towards your future. You have chosen a path that will provide you with knowledge and skills that will stay with you for a lifetime. We are excited to have you join our FHS, and we look forward to supporting you throughout your journey.

To our returning students, welcome back! We hope that your academic journey has been enriching thus far, and that you are excited to dive back into your studies. We are proud of all that you have achieved so far, and we are eager to see you continue to grow and succeed in the year ahead.

As we start a new academic year, I want to remind you of our mission to offer our learners the means to excel in their chosen field by providing industry relevant professional, technical, theoretical, and hands-on experience. We strive to develop work ready learners upon graduation through a collaborative partnership between students and the programs. Our state-of-the-art laboratories, facilities, learning spaces, and digital platforms provide student-centered learning environments and offer ample opportunities to integrate theoretical learning into real industry hands-on experience. Our goal is to empower students with the essential skills and confidence necessary to be successful in their field. It is our hope that upon graduation students will effectively and confidently transition to work force, related to their field of study. Our dedicated faculty and staff are committed to providing you with a supportive and enriching learning environment. We have a range of resources available to help you with your academic and personal goals, and we encourage you to take advantage of them. We are committed to supporting you throughout your academic journey.

Finally, I would like to wish you all the best for the upcoming academic year. Whether you are starting a new program or continuing with your studies, I am confident that you will find this year to be both rewarding and filled with a wealth of exciting opportunities for growth and discovery.

We look very much forward to having you with us!

A handwritten signature in black ink, appearing to read 'Mojgan Rezvani'.

Dr. Mojgan Rezvani
Executive Dean

A Message from the Associate Dean

As Associate Dean, it is my great pleasure to extend a warm welcome to all students in the Faculty of Health Sciences programs.

The Faculty of Health Sciences is at the forefront of advancing healthcare related education, research, and practice. Together, we have the opportunity to make a profound impact on the lives of individuals and our communities through our collaborative efforts and innovative approaches.

As we embark on this new academic year, I encourage you to embrace the spirit of collaboration, participation and excellence and wish you all the very best in your academic journey. Our dedicated staff members in the Faculty of Health Sciences are always here to lend a helping hand and provide guidance whenever needed.

The passion, expertise, and dedication of our faculty cultivate a nurturing and inclusive learning environment for our students, preparing them to become exceptional professionals and leaders in their respective fields.

Together, let us embark on a remarkable journey of discovery, innovation, and transformation.

Sincerely,



Margret Campkin, RN, BScN, MN
Associate Dean,
Faculty of Health Sciences

Faculty of Health Sciences

Critical Care Program Faculty & Staff

Executive Dean	Dr. Mojgan Rezvani	Ext.2249	mojgan.rezvani@durhamcollege.ca
Associate Dean	Margret Campkin	Ext. 2125	margret.campkin@durhamcollege.ca
Administrative Coordinator	Shari Kinney	Ext. 2375	shari.kinney@durhamcollege.ca
Student Advisor Placement Officer	Haya Esaad	Ext. 6589	haya.esaad@durhamcollege.ca
Simulation Technologist	Marie McEwan	Ext.2345	marie.mcewan@durhamcollege.ca
Nursing Technologist	Suzanne Sibley	Ext. 6423	suzanne.sibley@durhamcollege.ca
Administrative Assistant	Sara Horruzey	Ext. 2944	sara.horruzey@durhamcollege.ca

The above individuals may be contacted by dialing directly 905.721.2000,
followed by the appropriate extension.

Faculty of Health Sciences

Location: SW106 - Gordon Willey Building

Telephone: 905.721.3080

Website: <https://durhamcollege.ca/academic-faculties/faculty-of-health-sciences>

Health & Wellness Centre

G127 (Main Campus) 905.721.3037

<https://durhamcollege.ca/student-life/health-and-wellness/campus-health-and-wellness-centre>

Access and Support Centre

SW116 (Main Campus) 905.721.3123

<https://durhamcollege.ca/asc/>

Coaching and Support Centre

SW116 (Main Campus) 905.721.3147

<https://durhamcollege.ca/asc/>

Critical Care Nursing Graduate Certificate Program Information

Program Overview

Critical care nurses are responsible for the most vulnerable patients. They are responsible for vigilantly monitoring, assessing, and treating the critically ill while supporting their families. Whether you are a new critical care nurse, an experienced critical care nurse, or a nurse interested in working in the critical care unit, this program offers a flexible, professional development opportunity by enabling you to access continued learning regardless of your location, shift pattern, or other commitments.

Program Description

The Critical Care Nursing Graduate Certificate program at Durham College is composed of eight courses. The model has three primary components: six e-learning courses, simulation education, and hands-on preceptored experience in a critical care unit.

Course advanced standing, challenge, or transfer of credit will be considered on an individual basis. All registered nurses in Ontario in good standing with the College of Nurses of Ontario are eligible to apply to this advanced certificate program. Upon successful completion of the critical care course requirements, a Critical Care Graduate Certificate will be awarded.

These dates represent the best information at the time of publication. The College reserves the right to make changes subject to amendments to existing legislation, Collective Agreements, or as required by the College. Dates may vary slightly from program to program.

Program Learning Outcomes:

Upon successful completion of the Critical Care Nursing program, the graduate will have reliably demonstrated the ability to:

1. Practice within the scope of professional, legal, and ethical standards, organizational policies, and best practices in critical care nursing.
2. Establish and maintain therapeutic relationships with patients, families, and/or substitute decision-makers to optimize patient and family-centred critical care.
3. Assess, analyze and monitor data for a patient with complex, multisystem problems in order to anticipate early deterioration in the patient's condition, establish priorities, and to plan interventions.
4. Plan, implement, evaluate and document specialized nursing interventions to achieve optimal patient outcomes in a potential or actual life-threatening illness and end-of-life situations.
5. Advocate for and deliver patient and family-centred care to patients/families experiencing potential or actual life-threatening illness and end-of-life situations.
6. Collaborate with members of the inter-professional health care team in providing care for patients experiencing potential or actual life-threatening illness or end-of-life situations to achieve continuity of care and optimal patient outcomes.
7. Use evidence-based research and best practice guidelines to inform and adapt critical care nursing practice.
8. Use strategies and available resources to respond to environmental, physical, and psychosocial stressors affecting self and others in the critical care setting.
9. Engage in reflective practice and ongoing professional development to enhance competence in critical care nursing.

Ministry of Advanced Education and Skills Development. (2017). *Registered Nurse Critical Care Nursing Program Standard*.

<https://www.ontario.ca/page/college-program-standard-registered-nurse-critical-care-nursing>

RN Critical Care Nursing (CCH)

Weekly
Breakdown

Course Name	Mod	Code	Prerequisites	Corequisites	Lec Hrs	Lab Hrs	FP/Alt Hrs
CCH-SEM1							
Management of CCHC: Cardiac		CCCC 1501			0	0	3
FOUNDATIONS: CRITICAL CARE		CCFO 1500			0	0	3
INTRODUCTION TO E LEARNING		CCIN 1500			0	0	1.5
PROFESSIONAL PRACTICE PREPARATION		CCPP 1506			0	0	4
CRITICAL CARE PRACTICUM		CCPR 2502			0	0	120
MGMT OF CCHC: GI/RENAL/ENDOCRI		CCRE 1503			0	0	3
MANAGEMENT OF CCHC:NEURO		CCRN 1503			0	0	3
MANAGEMENT OF CCHC:RESPIRATORY		CCRN 1505			0	0	3
CRITICAL CARE SIMULATION		CCSI 2501			0	0	3
					0	0	143.5

NOTES:

OPT1/OPT2/OPT3 - OPTIONS - Students choose subjects. OPT1 subjects are included in total hours per week.

GNE D - Courses with this Subject Code are "General Education" subjects, GNE D 0000 you are required to choose a 'General Education Elective' that term when you register.

SPEC 0000 - when displays as a pre-requisite you are required to have passed all previous courses and have a GPA of 2.0.

COOP - the co-op work term takes place in the following semester (spring/summer).

MOD1/MOD2 - course is delivered over a portion of the semester.

Critical Care Program General Information

DC Connect

As an online program, basic computer skills and equipment are required. Basic computing, keyboarding, word processing skills, and experience browsing the internet and sending and receiving e-mails are necessary for the facilitation of DC Connect.

Accessing Courses in DC Connect:

Your courses are housed in an online system called DC Connect, powered by Desire2Learn software. To participate in these courses, you will access DC Connect through your web browser. Log into DC Connect at <https://durhamcollege.desire2learn.com/>. There is also a login link found on the home page of the Durham College website. To sign in, you will need:

- Your student number
- Your initial password is your date of birth in the format MMDDYY

The following link provides a quick tutorial on [navigating DC Connect](#).

Note about student tracking in DC Connect:

DC Connect or the course website automatically records all student activities, including the:

- First and last access to the course
- Pages accessed
- Number of quizzes completed
- Number of conferencing messages read and posted

MyDC

MyDC is an Internet portal designed to keep you connected to important information such as grades, job postings, e-mail, message boards, and student life activities.

To log onto your MyDC account, your username is your nine-digit Campus ID printed on the top right-hand corner of your correspondence from the Student Recruitment and Admissions Office.

To log in to MyDC:

1. Visit <https://durhamcollege.ca/mydc/>.
2. Enter your user name (student number).
3. Enter your temporary password using the following order:
 - Birthdate: mmddyy (for example, December 25, 1979 = 122579);
 - Postal code: L1L2L3 (letters are all upper case and have no spaces), or durham
4. Click on the login icon.

Technical Support

Should a student have a login and/or performance issue with their MyDC or DC Connect, it is their responsibility to report the problem (s) to the IT Help Desk by calling 905-721-3333 or e-mailing servicedesk@dc-ot.ca.

Communication

Students are expected to check MyDC daily for college-wide information.

Students are expected to check the Learning Management System, DC Connect, regularly throughout the business day for program-specific information.

Each Durham College student has a DC Connect e-mail address which they need to check regularly throughout the business day. This may be forwarded to the student's personal device. (Sign in to DC Mail, go to settings, then account or e-mail.)

Student Success

It is the student's responsibility to keep the faculty informed about any circumstances that may be interfering with the student's success in that course. Students must complete all the online courses (overall average of 70% with no courses less than 65%).

Library

Resources and reference material are available online through the <https://guides.library.durhamcollege.ca/health>. The reference librarian for the Faculty of Health Sciences is Lydia Thorne, who can be contacted at lydia.thorne@ontariotechu.ca

Textbooks

The textbooks for this program are available directly from the [Elsevier Website](#), select I am a student and begin shopping, or the [Durham College book store](#). Please refer to your welcome letter for the texts used in this program.

Computer Requirements

SUGGESTED MINIMUM LAPTOP SPECIFICATIONS:

The chart below outlines the suggested minimum hardware specifications recommended for your DC related computer activities:

Most students use Windows-based computers, and some prefer to use an Apple (Mac) device. Any platform can work with studies within the Faculty of Health Sciences.

	WINDOWS PC	MAC
Operating System	Windows 10 or 10 64-bit (Pro edition is preferred) • Windows 10 must have the latest updates installed	Mac OS 10.12 or higher
Processor Type	Core i5 or Higher Processor	Core i5 U or Higher Processor
Memory	Minimum 8GB RAM	Minimum 8GB RAM
Hard Drive	Minimum 250GB	Minimum 250GB
Graphics Card	Intel Integrated Graphics or better	Intel Integrated Graphics or better
Wireless Network Card	Optional	Optional
Virus Protection	An up-to-date Antivirus client is required. (Note Windows 10 has built-in Windows Defender)	An up to date Antivirus client is required

Program Structure

There are six (6) e-learning courses in the program. The program begins with a brief course, Introduction to E-Learning (CCIN 1500) which focuses on the study methods required in an e-learning environment which is foundational to success in an online program.

The five remaining theoretical e-learning courses will provide the learner with advanced knowledge of providing safe care in the Critical Care setting.

- CCFO 1500 - Foundations: Critical Care (CCFO 1500)
- CCCC 1501 – Management Of CCHC: Cardiac (CCCC 1501)
- CCRN 1503 – Management Of CCHC: Neuro (CCRN 1503)
- CCRN 1505 – Management Of CCHC: Respiratory (CCRN 1505)
- CCRE 1503 – Management Of CCHC: GI/Renal/Endocrine (CCRE 1503)

Comprehensive Exam

Upon successful completion of the six online courses. Students will be required to complete an online comprehensive exam (CCPP 1506 Professional Practice Preparation) based on all the course learning outcomes. Successful completion of this exam (passing grade of 70%) is a prerequisite for simulation.

A student who fails the comprehensive exam the 1st time will be eligible for one rewrite. If the student fails the re-write, the student will be given a failing grade, and a remedial plan will be implemented. This plan may include repeating a course/courses. Upon completion of the remedial plan, the student will be allowed one more opportunity to the exam. If the student fails this exam, they will be required to reapply to the Critical Care program. The student will be responsible for all costs incurred.

Simulation

The simulation course Critical Care Simulation (CCSI 2501) takes place at Durham College each semester. This course provides an opportunity to apply the theoretical knowledge to integrated high fidelity case-based scenarios facilitated by an experienced inter-professional team of facilitators. Students are eligible for simulation upon successful completion of all the online theory courses and the comprehensive exam. Dates and locations of Durham College Simulation labs will be posted in DC Connect once they become available. Simulation is a prerequisite for practicum.

Durham College has three external partners that hold Simulation Labs in conjunction with the Critical Care E-Learning program. Please contact the individuals below for the dates of the upcoming simulation. Note there is an additional tuition cost for enrolling in simulation at one of our external partners.

- Confederation College - tammy.chiodo@confederationcollege.ca
- Sault College - willem@sah.on.ca
- Northern College - kbazinet@tadh.com

Please ensure that you will not be required to work on the weekends that you select for SIM. Should you not attend your selected SIM and the other SIMs assigned to your intake are complete, you will need to enroll in SIM in another intake. This will result in an extra cost to you.

Practicum

The final component of the program is a 120-hour practicum placement, Critical Care Practicum (CCPR 2502), at a Level II or III Critical Care Unit. There are three models of practicum.

Challenge / PLAR

- The student is recognized for prior work experience.
- To be eligible, the student will have been successful in the simulation course CCSI 2501.
- Have documentation that supports a minimum of 1950 hours (one year) currently in a Level II or III Critical Care Unit or three years full-time in the last five (5) years.
- Information on the PLAR process can be found at <https://durhamcollege.ca/admissions/prior-learning-assessment-and-recognition-plar>.
- Students will complete the [PLAR Self-Assessment form](#) and submit their completed PLAR self-assessment form to the Faculty of Health Sciences (HS) at HS@durhamcollege.ca.
- The program coordinator/program designate may ask for clarifying information before determining applicant eligibility for PLAR.
- A letter of reference from their clinical educator/manager to indicate the level of competency and suitability for the challenge for the practicum course must be provided.

Mentored:

- In this model, students complete their placement in the Critical Care Unit where they work and have three (3) months from the start date to complete their practicum.
- Students arrange a mentor in the unit under the guidance of the educator/manager and will be supported by a Durham College faculty advisor.
- Students must have completed both the agency and unit formal orientation and provide a letter of reference from the clinical educator/manager of the Critical Care Unit indicating the competency and suitability for the mentorship model.
- The template for the mentored letter can be found in the appendix section of this guide. Once completed, please submit it to the assignment folder for practicum in DC Connect.
- The placement officer for the Critical Care program will then assign your faculty advisor. All critical care practicum forms and modules must be completed before commencing your placement.
- **Students may NOT commence practicum without being assigned a faculty advisor.**

Preceptored:

- Students work with an expert nurse in a one-to-one relationship planning and implementing the care in the Critical Care Unit.
- All students must complete their rotation at their own employer/agency.
- Students who can complete their placement in the hospital where they work will do so under the preceptor model and have three (3) months from the start date to complete their practicum.
- Exceptions will be made for those not currently working in an appropriate setting and will not meet the practicum outcomes with their employer.
- Students requesting a rotation at a site they are not currently employed within will need to complete the Critical Care placement application form non-standard (outside their facility).
- Once a practicum placement is secured, the student must accept it.

Synergy Gateway

It is required that students who are requesting a placement outside their facility have completed the Electronic Student Permit Checking with Verified to be eligible for the field placement component of this program. In addition, you must (at your expense) provide:

- A clear and current Criminal Reference Check (CRC) with Vulnerable Sector Screening (VSS). If you cannot provide a clear CRC with VSS, you may not be accepted for placement by a field placement agency. A CRC with VSS must be obtained from your local police station.
- Current Level-C cardiopulmonary resuscitation (CPR) and mask fit testing from a recognized provider.
- Entry immunization form completed by a healthcare provider.

Links to Synergy:

[Critical Care ERV Information Package](#)

[Verified ERV User Guide](#)

Graduation

To be eligible to receive a Critical Care Graduate Nursing Certificate, the student must also successfully complete the online e-learning courses, simulation, and practicum.

Upon completing your 120 Practicum hours and submitting all the required practicum documentation, you will be notified by your faculty advisor of your successful practicum completion. At this time, you may apply to graduate.

Follow the steps below to apply to graduate:

1. Login to MyDC
2. Go to Helpful Links – Application for Graduation or go to Self-Serve Options
3. Click on Student Information
4. Click on Registration
5. Click on Application for graduation
6. Complete the application form

Note: If you are not able to complete the application form, please e-mail convocation@durhamcollege.ca.

For more information about convocation, please visit www.durhamcollege.ca/convocation
All transcripts should be requested directly through MyDC under Helpful Links- Student Records. Request Printed Official Transcript.

Other Documentation:

Please follow the link below to access the Official Documentation Request Form for verification letters: Eligibility to graduate and other verified documents.

- [Official Documentation Request Form](#)

Additional Important Information

Durham College (DC) Mission, Vision and Values

Used to guide the overall direction of the college, the [Strategic Plan](#) outlines DC's mission, vision and values and is based on our four pillars – our students, our people, our work and our community. It is by working together, focusing on these guiding principles, that we are able to deliver quality teaching and learning opportunities that support the success of our students and academic employees. Together we're leading the way.

Academic Advising – Student Advisors

Student advisors are committed to student success and are available to help guide you through your college experience.

They can help you to:

- Identify career goals and make sound academic decisions;
- Develop academic plans to promote success in the event of failed courses or low-grade point average (GPA);
- Make decisions regarding full-time/part-time studies;
- Review graduation requirements;
- Find equivalent credits.
- Transfer to another program or identify pathways to further education; and
- Access other college services to support student success.

To view contact information for your student advisor, visit the [student advisors webpage](#).

Academic Integrity

Academic integrity in teaching, learning and research is fundamental to our mission and an expectation of the DC community. Mechanisms to support academic integrity reinforce our core values, enrich educational inquiry and enhance the quality of our scholarship and reputation.

To ensure the highest academic standards, students are accountable for the work they produce, and student work must be the product of their own efforts. The [Academic Integrity Policy and Procedure](#) provides a comprehensive explanation of DC's expectations regarding academic integrity.

Student Supports

DC offers students a variety of services to help them achieve academic success. From accessibility accommodations, financial aid, health services and wellness coaching to student life, recreation and career development, our knowledgeable staff provide holistic supports to help students reach their greatest potential.

Please visit the [Student Services](#) page for more information on each of the student service areas.

Important Dates

DC strives to keep you informed of important dates throughout the academic year. Please review the 2023-2024 important dates that include fee payment deadlines, web registration, add/drop and grade release dates etc. You can find this information on the [college's website](#) and on [MyDC](#). Please review [MyDC](#) regularly for updates and reminders on important dates.

Academic Grading and Progression

Please refer to the [Academic Grading Framework Policy and Procedure](#) documents for a complete overview of grading practices which communicates student performance and [Academic Progression Policy and Procedure](#) to clearly understand the requirements necessary for a student to progress through an academic program.

The overall pass mark for the Critical Care program is 70% with a minimum of 65% in each course.

Student Academic Learning Services (SALS)

SALS helps DC students to achieve their academic goals through free services and resources, including subject specific support (math, accounting, biology, chemistry, physics and statistics), academic reading and writing, learning strategies, and assistance with English language proficiency. Students also have access to peer tutoring, online resources located through the [MyDC](#) landing page (under "[Learning Resources](#)"), and SALS ONLINE academic resources, videos, and quizzes in DC Connect.

Please email SALS at sals@durhamcollege.ca, or visit the [SALS website](#), for information on accessing resources and services, scheduling an appointment, registering for workshops, or sign-up to request or be a peer tutor.