



INFORMATION PACKAGE

Medical Device Reprocessing Technician Associate Certificate

College
of New
Caledonia

CNC

Community & Continuing
Education



Thank you for your interest in the College of New Caledonia's Medical Device Reprocessing Technician (MDRT) Certificate Program.

This 6-month program is designed to provide you with the necessary technical skills to work as a Medical Device Reprocessing Technician (MDRT).

Composed of both a theory and clinical component, this program will prepare you to apply principles of infection prevention and proper handling in the decontamination, inspection, assembly, sterilization and storage of reusable patient care equipment and instrumentation in healthcare settings.

COURSE INFORMATION

The College of New Caledonia is a recognized MDRT training provider by the Canadian Standards Association (CSA) Group. A recognized training provider demonstrates that course curriculum has been thoroughly reviewed and endorsed by the CSA Group.

This 6-month program is comprised of 3 courses. Course materials are based on current industry standards and a hands-on clinical ensures that, upon graduation, you are fully qualified to launch a career in this exciting field.

MEDT 100

Medical Terminology

This 45-hour course examines the basic fundamentals of medical terminology in both written and spoken forms. Mastery of word parts and word building skills will aid the student in understanding medical terminology and anatomical relations. The use of terms to describe or identify diseases, disorders, various medical procedures, and abnormalities, as well as the use of appropriate medical abbreviations will also be studied.

MDRT 100

Medical Device Reprocessing Theory

This 140-hour theory component provides you with the theoretical knowledge required to work as an entry-level Medical Device Reprocessing Technician (MDRT). With an emphasis on quality assurance and patient and workplace safety, you are introduced to the role, context and function of the MDR department and the responsibilities, duties and tasks of the MDRT. You will learn the principles of microbiology and infection prevention and control within the MDR department and how to clean, disinfect, sort, inspect, assemble, wrap and pack, sterilize, and redistribute medical and surgical devices, and patient care equipment.

MDRT 110

Medical Device Reprocessing Clinical

This 400-hour instructor led practicum provides you with an opportunity to apply the skills, knowledge and experience in the decontamination, preparation and packing, sterilization, and storage and distribution storage areas of hospital MDR departments. You will be partnered with working technicians and be provided with the opportunity to practice skills and develop basic competencies in all areas. Your learning is supported through daily post-clinical conferences, journaling, and learning activities to facilitate integration of knowledge and skills.

TIMETABLES

This is a 6-month, full-time program. Students must be prepared to commit to a full-time schedule for the entire length of the program.

The theory portion of this program is delivered online both synchronously and asynchronously. The clinical component will take place in a hospital MDR department within the Northern Health region.

This program runs Monday through Friday at varying times.

OBJECTIVES/LEARNING OUTCOMES

Upon completion of the MDRT program students should be able to:

- Communicate professionally and effectively with a variety of audiences using written, verbal, and non-verbal communication skills.
- Work as a team member in a safe and ethical manner.
- Practice quality assurance in all aspects of medical device reprocessing.
- Prepare instruments and equipment for safe use.
- Perform effective decontamination of medical devices using established cleaning processes and infection control practices.
- Perform sterilization procedures by following established standards and evidence-based practices.
- Organize inventory and supplies by practicing stock rotation and established storage procedures.
- Apply technology using a variety of specialized equipment.
- Follow laws, regulations, policies, and procedures as per facility and professional standards.

PROGRAM EXPECTATIONS

It is the responsibility of each student to be knowledgeable about their program regulations.

Students are expected to:

- Attend all classes, as all classes are mandatory.
- Have access to a computer and a stable Internet connection.
- Have access to a web camera.

- Have a good working knowledge of Microsoft Excel, Word, and Outlook.
- Participate in educational experiences outside of typical hours and dates of most post-secondary courses.

CLINICAL EXPECTATIONS

This program includes a 400-hour clinical placement.

Prior to the start of each clinical placement, students must demonstrate that they have fully met the placement requirements which will minimally include, but may not be limited to:

- A cleared Vulnerable Sector Police Check Standard (CRC).
- An up-to-date immunization/medical review.

Students who have not completed all placement requirements by the deadline given will not be assigned a clinical placement.

The clinical placement may or may not be in the student's home community. Clinical placements will be located **throughout Northern BC**. CNC will assign all placements. While every effort will be made to accommodate the student's preferred location, CNC reserves the right to determine the appropriateness of any placement.

Students are responsible for ensuring they are available for the clinical dates and times that are assigned to them. During their clinical placement, a student may be obligated to participate outside of the typical hours and days of their regular schedule.

Students must arrange for their own transportation to and from the clinical site.

Attendance at the clinical site is mandatory.

Students are expected to follow the College's and Northern Health's Standards of Conduct and must adhere to the policies and procedures set forth by the host organization while completing their clinical placement.

While in the MDR department you are required to comply with the institutional dress code and to wear/ use Personal Protective Equipment (PPE).

REQUISITE SKILLS AND ABILITIES

Reprocessing work requires strict attention to detail, an awareness of the hazards of infection related to patient care, and the ability to understand and follow written and oral instructions accurately and in a timely manner.

The following health and personal attributes are recommended to ensure the best possible chance of success in this program.

Cognitive

- Remember information over a brief period of time and from past experiences;
- Problem solve and reason to develop professional judgment, exercise critical inquiry skills to develop professional judgment;
- Apply mathematical skills and abilities to add, subtract, multiply, and divide.

Communication

- Read, write, speak, and understand English at a proficient level;
- Recognize your own non-verbal signals and interpret non-verbal signals from others while considering individual differences in expression and associated meanings.

Behavioral

- Manage own behavior well enough to act in a safe, competent and ethical manner;
- Engage with self and others to create a safe environment;
- Respond appropriately in situations that are stressful or involve conflict;
- Fulfill responsibility as part of a team, etc.

Interpersonal

- Develop relationships and rapport with individuals and groups;
- Recognize the needs of clients and colleagues.

Physical

- Participate in educational activities;
- Perform repetitive movements;
- Walk and stand daily for extended periods of time;
- Bend and stoop;
- Carry and move equipment;
- Heavy lifting up to 16 kg/35 lbs;
- Grasp, push and pull up to 45 kg/100 lbs;
- Repetitive arm, hand and shoulder movements;

- Good manual dexterity.

Sensory Perceptual

- Perceive with sight, hearing and touch each well enough to be safe and participate in educational activities.

Environmental

- Function in the presence of noxious smells, disease agents, distractions, noise, chemicals and the unpredictable behavior of others;
- Comfortable working with blood and other biomaterials.
- Able to work shift-work, including evenings and weekends.
- Awareness that people with sensitive skin and/or allergies may be affected by some materials used in the profession such as latex, sterilizing chemicals. If you have any health problems associated with the use of latex products, it would be advisable to consult with your physician prior to entering the program.

ENTRY REQUIREMENTS

Applicants to the program must have:

1. Successful completion of Grade 12 or equivalent.
2. English Studies 12, English First Peoples 12, or ENGL 050, or ENGL 051 or equivalent (minimum "C").

PROGRAM REQUIREMENTS

Once accepted into the MDRT program, students will be required to:

1. Complete official college forms certifying current immunizations as per the Practice Education Guidelines for B.C. and as required by provincial health authorities. Failure to comply with immunization guidelines may prevent you from entering the practicum component of the program, which would then make you ineligible to graduate from the program.
2. Complete a Criminal Record Check (CRC) from the Ministry of Public Safety and Solicitor General. A search which identifies relevant criminal convictions may prevent you from entering the practicum component of the program, which would then make you ineligible to graduate from the program.

TUITION

Once accepted into the program, applicants will be required to pay a non-refundable seat deposit of \$720. This seat deposit will be applied to the applicant's first semester tuition.

EMPLOYMENT PROSPECTS

Upon successful completion of this program, graduates are qualified to work in a variety of settings including but not limited to hospitals, health clinics, optometry clinics, dental clinics and research centres.

HOW TO APPLY

Complete the online application through [EducationPlannerBC](#).

Three to four weeks after we receive your application, you will receive a letter with detailed information about your program; including admission requirements, important dates and contacts, and information about tuition fees. If you haven't received this letter after four weeks, please contact us to make sure we have received your application. All applications are reviewed on a first-come, first-completed basis.

PLEASE NOTE: THIS IS A COST-RECOVERY PROGRAM. IF THIS PROGRAM IS UNDER-ENROLLED TWO WEEKS PRIOR TO THE START DATE, THIS PROGRAM MAY BE CANCELLED

