MEDICAL DEVICE REPROCESSING TECHNICIAN CERTIFICATE

Purpose

The purpose of the *Medical Device Reprocessing Technician Certificate Program* is to provide learners with the knowledge and skills to be able to reprocess reusable medical devices appropriate to an entry-level Medical Device Reprocessing Technician (MDRT) position. Graduates will be eligible to apply for MDR positions in hospitals and private clinics throughout Canada.

Duration

The program is 16 weeks. The student must complete the theory and clinical portions simultaneously in order to graduate.

Learning Outcomes

Upon successful completion of this program, graduates will be able to:

1. Demonstrate responsibility and accountability of Medical Device Reprocessing (MDR) duties by performing duties in an ethical and legal manner to ensure patient safety and recognizing the importance of ongoing professional development

2. Use infection prevention and control measures in all areas of MDR clinical practice

3. Follow written work instructions and perform MDR tasks

4. Work safely, independently and collaboratively in an MDR Department

5. Safely and correctly operate a variety of equipment used in MDR

6. Communicate accurately with co-workers and customers to complete writing, speaking and listening tasks associated with MDR

7. Solve problems appropriate to the clinical assignment by drawing on knowledge from the field of MDR

Admission Requirements

- Grade 12 graduation or equivalent
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  Proof of English proficiency and English 12 with a 'C+' or equivalent
- OACP 1108 Medical Terminology 1 or equivalent, taken within the last five years
- MSKL 1104 Interpersonal/Commun - Health or equivalent

Applicants are recommended to attend an MDRT Certificate Information Session.

Upon acceptance:

- Criminal Record Check (CRC): Students in this program are required to complete a CRC. The CRC must be completed according to VCC's Criminal Record Check instructions (https://www.vcc.ca/crc/). Students whose CRC results indicate they pose a risk to vulnerable populations will not be able to complete the requirements of the program (e.g. practicums) or graduate.

- Submission of a negative TB skin test. If the skin test is positive, proof of a negative TB chest x-ray is required.
- A VCC Immunization Record (https://www.vcc.ca/media/vancouver-community-college/content-assets/documents/programs/VCC-Student-Immmunization-Record.pdf) must be completed. Immunizations in the following are strongly recommended:
  - Diphtheria/Tetanus
  - Polio
  - Measles, Mumps, and Rubella
  - Hepatitis B
  - Influenza (on an annual basis)
  - Chicken Pox

Program Requirements

Code	Title	Credits
MDRT 1201	MDR Theory	7
MDRT 1211	MDR Clinical	20
Total Credits		**27**

Evaluation of Student Learning

Evaluations will be done throughout the program. In the theory component, evaluations will be based on case-studies, assignments, quizzes, and exams. The clinical practicum is evaluated by instructor observation, assessment of practical skills, and reflective journaling.

Students must achieve at least B- in the theory course (MDRT 1201) and an S in the clinical course (MDRT 1211) in order to complete the program. All assignments in the clinical course must be successfully completed and students must achieve at least three out of four on every competency on the final competency evaluation in order to pass the clinical course. If students do not successfully complete the clinical course then they will not be readmitted into the program without approval of the department leader.

The MDRT program is an applied program where students learn the hands-on skills of Medical Device Reprocessing on a daily basis. As this is a professional program based on Canadian Standard Association (CSA) Standards, students must attend 90% of theory and clinical classes.

Prior Learning Assessment and Recognition (PLAR)

Prior learning assessment and recognition is not available for this program.

Transcript of Achievement

The evaluation of learning outcomes for each student is prepared by the instructor and reported to the Student Records Department at the completion of semesters.

The transcript typically shows a letter grade for each course. The grade point equivalent for a course is obtained from letter grades as follows:

Grading Standard

Grade	Percentage	Description	Grade Point Equivalency
A+	90-100		4.33
A	85-89		4.00

A-	80-84		3.67
B+	76-79		3.33
B	72-75		3.00
B-	68-71	Minimum Pass	2.67
C+	64-67	Failing Grade	2.33
C	60-63		2.00
C-	55-59		1.67
D	50-54		1.00
F	0-49		0.00
S	70 or greater	Satisfactory – student has met and mastered a clearly defined body of skills and performances to required standards	N/A
U		Unsatisfactory – student has not met and mastered a clearly defined body of skills and performances to required standards	N/A
I		Incomplete	N/A
IP		Course in Progress	N/A
W		Withdrawal	N/A
Course Standings			
R		Audit. No Credit	N/A
EX		Exempt. Credit Granted	N/A
TC		Transfer Credit	N/A

Grade Point Average (GPA)

1. The course grade points shall be calculated as the product of the course credit value and the grade value.

2. The GPA shall be calculated by dividing the total number of achieved course grade points by the total number of assigned course credit values. This cumulative GPA shall be determined and stated on the Transcript at the end of each Program level or semester.

3. Grades shall be assigned to repeated courses in the same manner as courses taken only once. For the purpose of GPA calculation of grades for repeated courses, they will be included in the calculation of the cumulative GPA.