



College of  
New Caledonia

School of Health Sciences

# **Medical Laboratory Technology**

Diploma Program Application Package for:

---

Student Name

January 2022 Intake

### APPLICANT'S CHECKLIST

All of the following application requirements **must** be completed and submitted electronically to the College of New Caledonia's Prince George campus Admissions Office ([regoffice@cnc.bc.ca](mailto:regoffice@cnc.bc.ca)) before your application will be considered complete.

- ☐ CNC Application Form
- ☐ High School Transcript
- ☐ CNC Application Fee
- ☐ Complete and current Career Investigation Report
- ☐ Self-Report on Suitability for the Profession

**Additional Documents to Submit:**

- Official post-secondary transcripts (if applicable)

**Note:** Upon acceptance into the MLTS program students will be required to submit documents certifying:

- a) Criminal record check (prior to commencement of program)
- b) Current immunization status (prior to the end of the first month in the program. Immunization must be started early as the hepatitis vaccination may take a number of months)

### Selection Criteria

As part of the Admissions process, candidates will be selected for the program using the following:

	Criteria	Points
1	The cumulative grade point average of the required English, Biology, Chemistry and Mathematics courses contributes its actual points (e.g. a GPA of 3.2 contributes 3.2 points)	4.00
2	30 course credits or more at the post-secondary level, or 1-year equivalency, contributes 3 points. Prorated points will be given for less than 30 credits or courses less than 1yr	3.00
3	A completed "Medical Laboratory Technology Career Investigation Report" contributes up to 6 points	6.00
4	Residents of BC or the Yukon will be awarded 1 point	1.00
5	Certification as a Medical Laboratory Assistant	1.00
<b>Total Possible Points</b>		<b>15.00</b>

### Application Deadlines

For your best opportunity to be considered in our student selection process, the following submission deadlines **should** be met:

- |   |                        |
|---|------------------------|
| 1. CNC Application for Admission form                                 | March 31 <sup>st</sup> |
| 2. Official transcripts   | April 30 <sup>th</sup> |
| 3. Completed MLTS Application Package (including CIR and Self Report) | April 30 <sup>th</sup> |

All documents must be forwarded to the CNC Office of the Registrar. The earliest that applications will be accepted for the intake that commences 18 months later is September 15<sup>th</sup>.

### Career Investigation Report Guidelines

It is important that applicants to the program have a clear understanding of the admission requirements for this 2.5 year educational program, as well as the duties and responsibilities of a Medical Laboratory Technologist. The *Career Investigation Report* is one component of the standardized selection process. Use the questions in this report to guide you in your investigation of both the program and career. The answers that you provide will be carefully assessed and scored to determine the degree to which you comprehend the Medical Laboratory Technology profession.

**Once you have completed your Career Investigation Report (CIR), it is very important to make a copy for your personal records.**

#### **DIRECTIONS FOR COMPLETING YOUR CAREER INVESTIGATION REPORT:**

##### **A. Medical Laboratory Career Investigation (complete sections 1 and 2 of the CIR):**

###### **i. CNC MLTS Program Information (complete section 1):**

Visit the CNC website at: [cnc.bc.ca](http://cnc.bc.ca) and type *Med Lab Tech* in the search window, or enter the following internet address: <https://cnc.bc.ca/programs-courses/programs/detail/medical-laboratory-technology-science-diploma>. It is strongly advised that applicants attend an information session.

Information session registration: [healthsciences@cnc.bc.ca](mailto:healthsciences@cnc.bc.ca)

CNC Student Recruitment Advisor: 250.561.5855 or 1.800.371.8111 local 5855

CNC Academic Advisors: 250.561.5818 or 1.800.371.8111 local 5818 or [advising@cnc.bc.ca](mailto:advising@cnc.bc.ca)

###### **ii. Investigating the Medical Laboratory Technology Profession Activities (complete section 2):**

List all the sources where you have found information on this profession. These may include career fairs, meeting with a career/guidance counselor, websites and videos. Look for specific information to complete sections 4 and 5.

\*Hospital Laboratory Tours are not available at this time. Please do not contact any hospitals to request a tour.

##### **B. Prior Experience, Skills and Educational Courses Relevant to this Profession (complete section 3):**

List all experiences, skills and educational courses that may better prepare you for a career in Medical Laboratory Science

##### **C. Written Submission (complete sections 4 and 5)**

Share what you learned in your investigation of the Medical Lab Technology profession.

Write about your traits and qualities that make you suitable for this career. Sell yourself!

##### **D. Medical Laboratory Assistant and Pre-Med Lab Access Program Requirements (complete sections 6 and 7)**

---

Student Name

---

Date

In order to gain a thorough understanding of the MLT profession, the applicant should fully investigate this career choice. Please list the sources that were investigated to find information on the Medical Laboratory profession.

- 1.** Did you attend an information session for the CNC Medical Laboratory Technology Science Program? ☐ No ☐ Yes Score: /1.0  
Date: \_\_\_\_\_

- 2.** Please list all the sources of information that informed your choice to pursue this career. (6 points: 0.5 for each different source):

- ☐ CNC Resources (please list)

---

---

---

---

---

---

- ☐ Other Internet Sites, YouTube Videos, etc (please list)

---

---

---

---

---

---

- ☐ Any other sources of information. This can include speaking to someone you know who is in the medical lab technology profession, students or instructors in a medical laboratory program. (give details)

---

---

---

---

---

---

Score: /6.0

**3.** Answer the following questions based on your research of the sources listed in Section 2.

- a) List two clinical laboratory tests including the department that runs the test and the type of sample required to run the test. Include any other details you find such as disease associated or method of analysis.

Score /4.0

Suggested resources:

- [Hamilton Regional Laboratory Test Information Guide](#)
- [Lab Tests Online](#)

Name of test #1: \_\_\_\_\_

Lab department: \_\_\_\_\_

Sample type required: \_\_\_\_\_

Other details: \_\_\_\_\_

Name of test #2: \_\_\_\_\_

Lab department: \_\_\_\_\_

Sample type required: \_\_\_\_\_

Other details: \_\_\_\_\_

- b) List three skills that a medical laboratory technologist would use on a daily basis.

Suggested resources:

- [CSMLS MLT Professionals](#)
- [Youtube playlist: In the Lab](#)
- [WorkBC Career Trek: Medical Lab Technologist](#)

Score /3.0

---

---

---

---

---

---

- c) Multitasking is a necessary skill of a Medical Laboratory Technologist. What is your **definition** of "multitasking" and give some **examples**. These can be from work, sports, volunteering or your home life. Score /0.5

---

---

---

---

---

---

- d) Please comment on the following scenario. ***Two laboratory technologists are walking down a main hallway to the cafeteria when one turns to the other and states "CAN YOU BELIEVE IT? Jane Doe had an alcohol level of 50 AGAIN this morning!"*** Score /1.0

---

---

---

---

---

---

e) When patients arrive at a hospital or clinic, they may be apprehensive or ill at ease. What characteristics or attributes should an MLT possess to relieve the patient's anxiety?"

Score /0.5

---

---

---

---

---

---

f) Teamwork is essential to a well-run laboratory. What are the characteristics of a good team?

Score /0.5

---

---

---

---

---

---

g) Based on your research, what are the health and safety concerns of working in this field?

Score /0.5

---

---

---

---

---

---

Total /10.0

Scored based on these criteria:

Score /4.0

- Opinion stated clearly
- Supporting personal qualities or skills given
- Quality/skill related back to med lab profession/tasks
- Grammar and Spelling
- Maximum 500 words

***This can be submitted as a separate document or within this application.***

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

- 5.** Indicate (✓) previous experience, skills and educational courses that may be relevant to this profession (3 points: 0.5 each applicable item):

✓ Experience/Skill/Course		Year Completed/Performed
	WHIMIS	
	TDG Training	
	Basic or advanced First Aid	
	Safety Training (give detail)	
	Company sponsored training (give detail)	
	Other (give detail)	

Score: /3.0

**FOR CNC USE ONLY – Career Investigation Report Total Score: /24.0 = /6.0**

- 6.** Have you successfully completed an accredited Medical Laboratory Assistant program/certification? ☐ No ☐ Yes: You must submit a certificate to receive this application point.  
 School:

- 7.** Have you successfully completed the CNC Pre-Medical Laboratory Technology access program? ☐ No ☐ Yes

### Applicant Declaration

I declare that the information that I have provided in this application is complete and correct. I recognize that if I have plagiarized any part of this document or allocated the task to a second party, I will forfeit my admission to the CNC Medical Laboratory Technology Science Program.

\_\_\_\_\_  
 Printed Student Name

\_\_\_\_\_  
 Signature

\_\_\_\_\_  
 Date

*These materials were adapted with permission from NAIT under a licensing agreement and are now owned by the College of New Caledonia. All rights are reserved. No part of this publication may be reproduced or transmitted in any form or by any means, or stored in a database and retrieval system without the prior written permission of College of New Caledonia.*



I understand that the following health and personal attributes are recommended to ensure the best possible chance of success in the MLTS program. This information is not used to screen out qualified applicants. A new form along with more information will be provided at orientation.

I understand that a Medical Laboratory technologist requires:

1. A professional attitude and meticulous work habits, as well as good manual dexterity and fine motor skills
2. Good time management and organization skills, good interpersonal skills and the ability to function as a team
3. Physical stamina: applicants should be aware that the work is physically demanding; requiring lifting of up to 20.5kg (45 lbs) and standing for long periods of time
4. The awareness that people with sensitive skin and conditions such as sensitivity to latex or other allergies, may be affected by some materials used in the profession
5. The ability to work with needles, blood, body fluids and tissue
6. An understanding that training will include specimen collection practice on others, on self as well as self by fellow students:
  - Venous and finger poke blood collection
  - Throat swab collection
  - Mouth swab collection
  - Urine collection on self
  - Collection of other specimens as required
7. The awareness of and ability to follow the Canadian Society Medical Laboratory Sciences (CSMLS) Professional Code of Conduct: [www.csmls.org](http://www.csmls.org)
8. The ability to communicate effectively in both written and verbal English in a professional environment
9. The ability to manage own behavior well enough to provide safe, competent and ethical care
10. The ability to perceive with each of the following senses well enough to provide care and participate in educational activities: sight, hearing and touch
11. The ability to clearly differentiate colors
12. The ability to function in the presence of each of the following commonly encountered and unavoidable environmental factors e.g. noxious smells, disease agents, unpredictable behavior of others
13. The ability to exercise critical inquiry skills to develop professional judgment
14. Recognition that the clinical laboratory has shifts covering 24/7 operations and may include on call duties
15. Willingness to accept that clinical placement may occur at various medical laboratories throughout BC and that there may be a rotation at more than one site in the second year
16. Awareness that admittance to the program and employment in this field requires a criminal record check and current protective immunization
17. Awareness of the financial demands of this program and proactive arrangements to cover the cost of tuition, fees, textbooks, practicum and living expenses

**Select one of the statements below:**

## MLTS 2022 YEAR 1: SELF REPORT ON SUITABILITY AND HEALTH

- ☐ There is **no** medical or physical reason why I would be unable to perform full program theory, laboratory, clinical and practicum responsibilities, including patient care in the CNC Medical Laboratory Science Program
- ☐ There is a medical or physical reason why I would be unable to perform full program theory, laboratory, clinical and practicum responsibilities, including patient care in the CNC Medical Laboratory Science Program. Explain:

---

---

---

If I require support/accommodations for a documented disability, I acknowledge that it is my responsibility to contact and work with CNC Accessibility Support Services and the appropriate course instructor(s) at the beginning of the program and course terms. Please refer to CNC calendar on website for further information

---

*Printed Student Name*

---

*Signature*

---

*Date*