



# Course Syllabus

**Course title:** Laboratory & Phlebotomy Skills 2

**Class section:** MLAB - 151 - BX01A

**Term:** 2025W

**Course credits:** 3

**Total hours:** 75

**Delivery method:** Blended

## Territorial Acknowledgement

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Camosun College respectfully acknowledges that our campuses are situated on the territories of the Lək̓ʷəŋən (Songhees and Kosapsun) and W̱SÁNEĆ peoples. We honour their knowledge and welcome to all students who seek education here.

## Instructor Details

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**Name:** Alex Purdy

**Email:** purdya@camosun.ca

## Instructor Statement

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*As your course instructor, I endeavour to provide an inclusive learning environment. However, if you experience barriers to learning in this course, do not hesitate to discuss them with me. Camosun College is committed to identifying and removing institutional and social barriers that prevent access and impede success.*

## Instructor Office Hours

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**Office:**

**Hours:**

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Room # CHW 317   Hours: By Appointment

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## Course Description

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### **Course Description:**

In this course, students continue to develop mastery of basic phlebotomy and specimen collection skills by practicing these techniques on each other. Students enhance their critical thinking and decision-making skills by executing increasingly difficult simulated collection scenarios using their knowledge of human behaviour, professional communication, and patient management. Students demonstrate critical patient and client safety behaviours that indicate growing clinical and laboratory capabilities in a variety of collecting environments simulating outpatient, inpatient, and in-home community collections under the direct supervision of instructors with supporting online modules.

### **Prerequisites:**

All of:

- C+ in AHLT 104
- C+ in AHLT 112
- C+ in MLAB 117
- C+ in MLAB 121

### **Pre or Co-requisites:**

All of:

- C+ in MLAB 147

## Course Learning Outcomes / Objectives

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Upon successful completion of this course, the learner will be able to

1. Demonstrate the ability to use correct procedures and techniques in obtaining specimens for analysis in a variety of environments on patients of varying capability and complexity

2. Demonstrate the ability to discern, select, and perform the correct protocols and procedures for collecting, labelling, processing, transporting and storing specimens requested in community and hospital practice situations
3. Demonstrate the correct quality management and troubleshooting behaviours in laboratory operations, daily use of, and maintenance for laboratory and clinic equipment used in specimen management
4. Determine the appropriate procedures to be used in challenging situations by evaluating relevant variables and making appropriate decisions in patient or client case-based scenarios simulating complex practice situations

## Course Competencies

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### Competencies:

- 1) Demonstrate an advanced ability of pre-analytical collection techniques in obtaining specimens for analysis in varied simulation environments.
- 2) Applies knowledge of specimen requirements, restrictions and collection procedures including labelling, packaging and transportation in case-by-case situations.
- 3) Utilize critical thinking to effectively create solutions and communicate within interdisciplinary scenarios.
- 4) Practice routine use, quality management and maintenance of laboratory equipment.
- 5) Practice principles of laboratory safety and infection control.

### Competencies

CSMLS - 1.01, 1.02, 1.03, 2.02, 2.03, 2.04, 2.05, 2.06, 2.07, 2.08, 2.09, 2.12, 7.01, 7.03, 7.04, 7.05, 7.06, 7.09, 7.12, 7.13, 8.01, 8.02, 8.03, 8.04, 8.05, 8.06, 8.07, 8.08

BCSLS – CoPC6, CoPC7, CoPC3, Unit 1B - 8.01, 8.02, 8.03, 8.04, 8.05, 8.06, 8.07, 8.08, Unit 1C – 7.03 7.06, Unit 1D – 7.01, Unit 2C – 1.03, Unit 3A – 2.02 2.03, 2.04, 2.02 2.06 2.09, 2.05, 2.06, 2.07 2.08, Unit 3C, Unit 3D, Unit 3E, Unit 3 F

## Course Delivery Hours

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ACTIVITY	HOURS / WEEK	# OF WEEKS	ACTIVITY HOURS
Lab	4	15	60

		<b>TOTAL HOURS:</b>	75
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ACTIVITY	HOURS / WEEK	# OF WEEKS	ACTIVITY HOURS
Online	1	15	15
		<b>TOTAL HOURS:</b>	75

Please be advised that Camosun College calculates an exam week within the semester

## Course Schedule, Topics, and Associated Preparation / Activity

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The following schedule and course components are subject to change with reasonable advance notice, as deemed appropriate by the instructor.

Week or Date Range	Activity or Topic	Other Notes
Week 1	Review of MLAB 121 Course Outline MLAB 151 Patient Identification & Accessioning Specimen Integrity/Special Handling	
Week 2	BSN IV Sim	
Week 3	Winged Infusion Sets (cont.) Syringes w/hypodermic needle	
Week 4	Syringes w/Winged Infusion Sets Specialized Testing	Video Review Discussion
Week 5	Blood Cultures	
Week 6	<b>Skills Check #1 Butterfly Arm</b>	
Week 7	Reading Break	Procedure Review Discussion
Week 8	Chain of Custody Community Volunteers Prep	
Week 9	Prenatal, Pediatric, Autism Patients Community Volunteers 1	Distraction Techniques Discussion
Week 10	<b>Skills Check #2</b> Community Volunteers 2	

<b>Week or Date Range</b>	<b>Activity or Topic</b>	<b>Other Notes</b>
Week 11	Complex Phlebotomy Simulation Prep Community Volunteers 3	
Week 12	Complex Phlebotomy	Community Volunteers
Week 13	Community Volunteers 4	
Week 14	<b>Final Skill Assessment</b>	Final Written Assignment
Week 15	No Final Exam	

## Evaluation of Learning: Weighted

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<b>DESCRIPTION</b>	<b>WEIGHTING</b>
<b>Discussions</b>	<b>10</b>
<b>Skills Check 1</b>	<b>15</b>
<b>Skills Check 2</b>	<b>15</b>
<b>Complex Phlebotomy Activity</b>	<b>15</b>
<b>Lab Activities</b>	<b>15</b>
<b>Final Skills Assessment &amp; Written Assignment</b>	<b>30</b>
<b>TOTAL</b>	<b>100%</b>

**CMLA:**

**NOTE: Students must achieve at least a ("C+") or COM in all program courses.**

### Grade Reviews and Appeals

If you have a concern about a grade you have received for an evaluation, please come and see me as soon as possible. Refer to the **Grade Review and Appeals policy** for more information.

<http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.14.pdf>

**The Centre for Accessible Learning (CAL)** is part of Camosun's Student Affairs unit. CAL coordinates academic accommodations and provides related programs and services to students with documented disabilities.

Students who require academic accommodations are expected to request and arrange accommodations through CAL in a timely fashion. While we understand that not all accommodation

needs are known to students at the beginning of a course, accommodations cannot be provided unless the proper process is followed through CAL and an accommodation letter has been released to the instructor. Students are responsible for providing CAL with the proper documentation prior to the beginning of a course.

Students registered with the Centre for Accessible Learning (CAL) who complete quizzes, tests, and exams with academic accommodations have booking procedures and deadlines with CAL where advanced notice is required.

**Deadlines can be reviewed on the CAL exams page**

<https://camosun.ca/services/academic-supports/accessible-learning/academic-accommodations-exams>

**Please consult the CAL webpage for more information:**

<https://camosun.ca/services/academic-supports/accessible-learning>

## Artificial Intelligence: A Guide for Students

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**Generative Artificial Intelligence (GenAI)** is an evolving technology that brings potential benefits but also substantial risks. While GenAI tools have the ability to transform how we work and learn, it is essential for the college community to adapt to these changes in a thoughtful and secure way.

**When using GenAI tools, students should ensure proper citation and attribution guidelines are followed.** This includes acknowledging AI assistance in reports, presentations, or any external communications. Clear citation helps build trust, ensures ethical use, and reduces the risk of misinformation or copyright issues.

**For citation support visit the college's citation style guide.**

<https://camosun.libguides.com/cite>

### Artificial Intelligence: A Guide for Students

Visit the following website to learn about AI use in academic settings.

<https://camosun.libguides.com/artificialintelligence/home>

## Course Guidelines & Expectations

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Students enrolled in Allied Health & Technologies Programs must participate in learning activities that include intimate and direct personal contact with their classmates during supervised practice. Students are training to perform the duties of a healthcare professional. These duties usually require constant, close physical contact with patients and clients. Students may be required to simulate and perform these activities on one another during this course. Students may also be required to use special hygiene practices and protective gear to protect themselves from the transmission of

communicable diseases (like COVID-19). Risks associated with learning and performing the physical duties of a healthcare profession cannot be entirely eliminated by any amount of caution or protection. Students who refuse or are incapable of participating and performing these activities due to personal or medical limitations may only continue to participate in their course work when supported by officially registered accommodations or temporary medical advisory.

### **Attendance**

Students are expected to be on time; tardiness disrupts the class. When students are more than 5 minutes late (and/or the door is shut), they cannot enter the classroom until the class break period. Since lectures are online, please enter the ZOOM session without disruption and with volume muted. If you choose not to or are unable to attend lecture it is your responsibility to acquire all information given during a class missed, incl. notes, hand-outs, assignments, changed exam dates etc.

Attendance in labs is mandatory. If a lab is going to be missed, you must notify your instructor by email at least one hour before the start of lab whenever possible. If a lab must be missed due to unforeseen circumstances or pre-arranged conditions, a make up lab can possibly be planned with the instructor. Please arrange with the instructor ahead of time so they are aware of your absence.

Missed exams cannot be made up except in case of documented illness (doctor's note required). The instructor must be informed that the students will be missing the exam before the exam start time.

### **Participation in Learning Activities**

Students enrolled in Allied Health & Technologies Programs must participate in learning activities that include intimate and direct personal contact with their classmates during supervised practice. Students are training to perform the duties of a healthcare professional. These duties usually require constant, close physical contact with patients and clients. Students may be required to simulate and perform these activities on one another during this course. Students may also be required to use special hygiene practices and protective gear to protect themselves from the transmission of communicable disease (like COVID-19). Risk associated with learning and performing the physical duties of a healthcare professional cannot be entirely eliminated by any amount of caution or protection. Students who refuse or incapable of participating and performing these activities due to personal or or medical limitations may only continue to participate in their course work when supported by officially registered accommodations or temporary medical advisory.

### **Written Assignments**

Assignments are due by 23:59 on the assigned day unless otherwise specified. Unless otherwise directed by individual course outlines or assignment descriptions, assignments must be: word

processed, double spaced, font meeting APA 7th edition guidelines, with a title page and reference list in APA 7th edition format. Student requiring an extension for the due date of an assignment must discuss with the instructor, at least 24 hours before the due date. Assignment submitted late without an approved extension will result in a 10% deduction in mark for each day late, and will not be accepted after 7 days post due date.

## Additional Information

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### **COURSE GUIDELINES & EXPECTATIONS**

#### **Attendance**

- Students are expected to be on time and to leave their cameras on for the first portion of any online lecture.
- Tardiness disrupts the class, for face-to-face labs if students are more than 5 minutes late (and/or the classroom door is shut), they may not enter the classroom until the class break period.
- If you choose not to or are unable to attend a lecture it is the student's responsibility to acquire all information given during a class missed, incl. notes, hand-outs, assignments, changed exam dates etc.
- Attendance of labs are mandatory and missed sessions will result in lost marks. See the D2L for a full description of the lab assessments. If an absence must occur, please notify the instructor at least one hour before the start of lab or lecture.
- Missed exams cannot be made up except in case of documented illness (doctor's note required). If this occurs the instructor must be informed that the student will be missing the exam before the exam start time.

#### **Student Assessment**

Students must achieve a minimum of 65% and complete all assignments in order to use this course as a prerequisite.

- Detailed information regarding assignments will be available on D2L.
- Complete all assignments on time and submit them on the designated due dates. In exceptional circumstances, students may request an extension; however, that extension must be arranged with the instructor before the due date. Students who have not prearranged an extension will have 10% of the total possible mark deducted per day from late assignments.
- Unless otherwise stated, all assignments will be submitted via D2L

## School or Departmental Information

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**Students are required to read and are accountable for the College policies (outlined below) and practicum guidelines as described in the School of Health and Human Services (HHS) and program handbooks.**

[CMLA Program Handbook](#)

#### **Clinical and Practice Placements in HHS**

<https://camosun.ca/programs-courses/school-health-and-human-services/hhs-programs/practicums>

#### **School of Health and Human Services (HHS)**

<https://camosun.ca/programs-courses/school-health-and-human-services/information-health-and-human-services-students-1#top>

#### **HHS Program Handbooks**

<https://camosun.ca/programs-courses/school-health-and-human-services/information-health-and-human-services-students-1#program>

Students enrolled in Allied Health & Technologies Programs must participate in learning activities that include intimate and direct personal contact with their classmates during supervised practice. Students are training to perform the duties of a healthcare professional. These duties usually require constant, close physical contact with patients and clients. Students may be required to simulate and perform these activities on one another during this course. Students may also be required to use special hygiene practices and protective gear to protect themselves from the transmission of communicable diseases (like COVID-19). Risks associated with learning and performing the physical duties of a healthcare profession cannot be entirely eliminated by any amount of caution or protection. Students who refuse or are incapable of participating and performing these activities due to personal or medical limitations may only continue to participate in their course work when supported by officially registered accommodations or temporary medical advisory.

### **Student Responsibility**

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Enrolment at Camosun assumes that the student will become a responsible member of the College community. As such, each student will display a positive work ethic, assist in the preservation of College property, and assume responsibility for their education by researching academic requirements and policies; demonstrating courtesy and respect toward others; and respecting expectations concerning attendance, assignments, deadlines, and appointments.

### **College Policies**

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#### **Academic Integrity**

Students are expected to follow the college's [Academic Integrity policy](#), and be honest and ethical in all aspects of their studies. To help you understand these responsibilities review the online [Academic Integrity guide](#).

The college's [Academic Integrity policy and supporting documents](#) detail the process for addressing and resolving matters of academic misconduct.

### **Academic Accommodations for Students with Disabilities**

If you have a documented disability and need accommodations contact the Centre for Accessible Learning (CAL). CAL will arrange the appropriate academic accommodations so you can participate in all academic activities. Visit the [CAL website](#) for more information

### **Academic Progress**

The [Academic Progress policy](#) details how the college monitors students' academic progress and what steps are taken if a student is at risk of not meeting the college's academic progress standards.

### **Acceptable Technology Use**

The [Acceptable Technology Use](#) policy outlines how students are expected to use college technology resources, this includes using your own devices on the college's network. The use of the college resources in a way that violates a person's right to study in an environment free of discrimination, harassment or sexual violation is prohibited.

### **Course Withdrawals Policy**

For details about course withdrawal see the [Course Withdrawals policy](#). Be aware of the [deadlines for fees, course drop dates, and tuition refunds](#).

### **Grading Policy**

To learn more about grading see the [Grading Policy](#).

### **Grade Review and Appeals**

The process to request a review of grades is outlined in the [Grade Review and Appeals policy](#).

### **Medical / Compassionate Withdrawals**

If you have experienced a serious health or personal issue, you may be eligible for a [medical/compassionate withdrawal](#). The [Medical / Compassionate Withdrawal Request form](#)

outlines what is required.

## **Sexual Violence**

If you have experienced sexual violence on or off campus, you can get support from the Office of Student Support. The Office of Student Support is a safe and private place to talk about what supports are available and your options for next steps. Visit the [sexual violence support and education site](#) to learn more or email [oss@camosun.ca](mailto:oss@camosun.ca) or phone: 250-370-3046 or 250-370-3841.

## **Student Misconduct (Non-Academic)**

Camosun expects students to conduct themselves in a manner that contributes to a positive, supportive, and safe learning environment. Review the [Student Misconduct Policy](#) to understand the college's expectations of conduct.

Looking for other policies? See [Camosun College Policies and Directives](#)

## **Services and Supports**

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Services are free and available to all students.

<b>Academic Supports</b>	<b>Enrollment Supports</b>
<a href="#">Centre for Accessible Learning</a>	<a href="#">Academic Advising</a>
<a href="#">English, Math and Science Help Centres</a>	<a href="#">Financial Aid and Awards</a>
<a href="#">Library</a>	<a href="#">Registration</a>
<a href="#">Writing Centre &amp; Learning Skills</a>	<a href="#">Tuition and Fees</a>
<b>Health and Wellness</b>	<b>Applied learning</b>
<a href="#">Counseling</a>	<a href="#">Co-operative Education and Career Services</a>
<a href="#">Fitness and Recreation</a>	<a href="#">Makerspace</a>
<a href="#">Office of Student Support</a>	

The [Centre for Indigenous Education Centre and Community Connections](#) provides cultural and academic supports for Indigenous students.

[Camosun International](#) provides supports to international students.

[The Ombudsperson](#) provides an impartial, independent service to ensure students are treated fairly. The service is a safe place for students to voice and clarify concerns and complaints.

If you have a mental health concern, contact Counselling. Counselling sessions are available at both campuses during business hours. If you need urgent support after-hours, contact the Vancouver Island Crisis Line at 1-888-494-3888 or call 911.

## Changes to this Syllabus

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Every effort has been made to ensure that information in this syllabus is accurate at the time of publication. The College reserves the right to change the course content or schedule. When changes are necessary the instructor will give clear and timely notice.