



# CAMOSUN COLLEGE

School of Health & Human Services  
Department: Allied Health & Technologies  
Certified Medical Laboratory Assistant



[Camosun.ca/hhs-handbook](http://camosun.ca/hhs-handbook)

## MLAB 121 Laboratory & Phlebotomy Skills 1 Winter 2021

### COURSE OUTLINE

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The course description is available on the web:  
<http://camosun.ca/learn/calendar/current/web/mlab.html#mlab121>

Camosun College will continue to follow the guidance of the Provincial Health Officer, the B.C. Government and WorkSafeBC, and as such may revise the delivery of courses. Courses with an approved face-to-face component may need to move to online or remote delivery if necessary.

The COVID-19 pandemic has presented many challenges, and Camosun College is committed to helping you safely complete your education. Following guidelines from the Provincial Health Officer, WorkSafe BC and the B.C. Government to ensure the health and wellbeing of students and employees Camosun College is providing you with every possible protection to keep you safe including COVID Training for students and employees, health checks, infection control protocols including sanitization of spaces, PPE and ensuring physical distancing. Please refer to: <http://camosun.ca/covid19/faq/covid-faqs-students.html>

However, if you're at all uncomfortable being on campus, please share your concerns with your Instructor and if needed, alternatives will be discussed.

*Ω Please note: This outline will not be kept indefinitely. Students are recommended to keep this outline for their records, especially to assist in transfer credit to post-secondary institutions.*

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#### 1. Instructor Information

- (a) **Instructor** Alex Purdy
- (b) **Office hours** Tuesdays 9:30 – 10:30
- (c) **Location** [Click or tap here to enter text.](#)
- (d) **Phone** 250-370-4764 **Alternative:** [Click or tap here to enter text.](#)
- (e) **E-mail** [purdya@camosun.ca](mailto:purdya@camosun.ca)
- (f) **Website** <http://camosun.ca/learn/programs/medical-laboratory-assistant/>

#### 2. Intended Learning Outcomes

Upon successful completion of this course, a student will be able to:

- a) demonstrate the ability to use correct procedures and techniques in obtaining specimens for analysis.
- b) demonstrate knowledge of correct protocols and procedures for labelling, processing, transporting, and storing specimens obtained during laboratory practice.
- c) demonstrate the correct daily use of and maintenance for laboratory and clinic equipment used in specimen management.
- d) apply and convey basic anatomic knowledge, laboratory principles, patient considerations, communication skills, and professional best practices of a Medical Laboratory Assistant under the direct supervision of instructors.

- e) successfully complete the required number of technically accurate venipunctures and collections in accordance with British Columbia Society of Laboratory Science (BCSLS) eligibility requirements for clinical practicum participation and performing collections on members of the public.

### 3. Required Materials

#### Textbooks Selected for Phlebotomy:

- Required Textbook: Warekois & Robinson. (2015) Phlebotomy: Work text and Procedure Manual 5th Ed.

### 4. Course Content and Schedule

The following schedule is tentative and subject to change if deemed necessary by the instructor.

Dates	Lab #	Lab	Topic	Assignment
Jan 12/13		Synchronous Online	<ul style="list-style-type: none"> <li>• Introduction to Course</li> <li>• Introduction to D2L</li> </ul>	
Jan 19/20		Synchronous Online	<ul style="list-style-type: none"> <li>• Introduction to Phlebotomy materials</li> </ul>	
Jan 26/27	1	Face to Face Labs A on Tuesday C on Wednesday	Practical Skills Level 1 - Task trainer <ul style="list-style-type: none"> <li>• Intro to Specimen Collection</li> <li>• Infection Control</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Discussion 1</b> – Practical Skills Video</li> <li>• Simtic Virtual Phlebotomy</li> </ul>
Feb 2/3		Face to Face Labs B on Tuesday D on Wednesday		
Feb 9/10	2	Face to Face Labs A on Tuesday C on Wednesday	Practical Skill Level 1 - Patient Collection Lab <ul style="list-style-type: none"> <li>• Intro to Specimen Collection</li> <li>• Patient Identification, requisitions, order of draw, labelling and handling of specimens</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Practical Skill Assessment 1</b></li> <li>• <b>Assignment 1</b> - What's your Smart Goal?</li> </ul>
Feb 15	FAMILY DAY/READING WEEK			
Feb 23/24	2	Face to Face Labs B on Tuesday D on Wednesday	Practical Skill Level 1 - Patient Collection Lab <ul style="list-style-type: none"> <li>• Intro to Specimen Collection</li> <li>• Patient Identification, requisitions, order of draw, labelling and handling of specimens</li> </ul>	
Mar 2/3	3	Face to Face Labs A on Tuesday C on Wednesday	Practical Skill Level - 1 Specimen Processing Lab <ul style="list-style-type: none"> <li>• Ergonomics in Phlebotomy</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Practical Skill Assessment 2</b></li> </ul>

Dates	Lab #	Lab	Topic	Assignment
Mar 9/10		Face to Face Labs B on Tuesday D on Wednesday	<ul style="list-style-type: none"> <li>Intro to Capillary Collections</li> <li>Processing, transporting, and storing specimens</li> </ul>	<b>Assignment 2</b> – Ergonomics
Mar 16/17	4	Face to Face Labs A on Tuesday C on Wednesday	Practical Skills Level 2 – Patient Based Scenarios <ul style="list-style-type: none"> <li>Collections and Specimen Handling and Processing</li> <li>Phlebotomy, capillary</li> </ul>	<ul style="list-style-type: none"> <li><b>Practical Skill Assessment 3</b></li> <li><b>Assignment 3</b> - What's Wrong Here?</li> <li>Begin your patient scenario for Final Skills Check</li> </ul>
Mar 23/24		Face to Face Labs B on Tuesday D on Wednesday		
Mar 30/31	5	Face to Face Labs A on Tuesday C on Wednesday	Practical Skills Level 2 – Patient Based Scenarios <ul style="list-style-type: none"> <li>Phlebotomy, capillary</li> <li>Collections and Specimen Handling and Processing</li> <li>Problem Solving in patient care</li> </ul>	<ul style="list-style-type: none"> <li><b>Practical Skills Assessment 4</b></li> <li><b>Assignment 4</b> – Phases of Analytical Testing</li> <li>Review your SMART Goal</li> </ul>
13 Apr 6/7		Face to Face Labs B on Tuesday D on Wednesday		
Apr 13/14	6	Face to Face Labs A on Tuesday C on Wednesday	<b>Skills Check And Patient Scenario</b>	<b>Submit Minimum Successful Collections: Venipunctures 15 Capillary 10</b>
Apr 20/21		Face to Face Labs B on Tuesday D on Wednesday		

## 5. Basis of Student Assessment (Weighting)

D2L Discussions	5 %
D2L Assignments	25 %
Practical Skill Assessments	40 %
Final Skills Check	30 %
<b>TOTAL</b>	<b>100 %</b>

### TEST AND EXAMINATION PROCEDURES

There are policies regarding written test and examination procedures including late arrivals and missed tests. Please see the Health and Human Services Student Handbook item 5.4 for Test and Examination Procedures at <http://camosun.ca/learn/school/health-human-services/student-info/index.html>

## WRITTEN ASSIGNMENTS

Assignments are due before 2400 hours (midnight) on the assigned day unless otherwise specified. Assignments about patients, residents or clients must be completed using the individual's initials only. Unless otherwise directed by individual course outlines, assignments must be: word processed, double spaced, font meeting APA 7th edition guidelines, with a title page and a reference list. Students requiring an extension for the due date of an assignment must negotiate with the instructor, at least 48 hours before the due date. Assignments submitted late without an approved extension will result in a 5% deduction in mark for each day late.

## 6. Grading System

- Standard Grading System (GPA)
- Competency Based Grading System

## 7. Recommended Materials to Assist Students to Succeed Throughout the Course

Review the School of Health and Human Services [Student Handbook](#) and the specific section for the [CMLA](#) program.

## 8. College Supports, Services and Policies

### Immediate, Urgent, or Emergency Support



If you or someone you know requires immediate, urgent, or emergency support (e.g., illness, injury, thoughts of suicide, sexual assault, etc.), **SEEK HELP**. Resource contacts:

<http://camosun.ca/about/mental-health/emergency.html> or  
<http://camosun.ca/services/sexual-violence/get-support.html#urgent>

### College Services

Camosun offers a variety of health and academic support services, including counselling, dental, centre for accessibility, help centre, learning skills, sexual violence support & education, library, and writing centre. For more information on each of these services, visit Student Services at <http://camosun.ca/services>

### College Policies

Policies are available on the College website at <http://camosun.ca/about/policies>. Camosun strives to provide clear, transparent, and easily accessible policies that exemplify the college's commitment to life-changing learning. It is the student's responsibility to become familiar with college policies.

Education and academic policies include, but are not limited to, [Academic Progress](#), [Admission](#), [Course Withdrawals](#), [Grading](#), [Involuntary Health and Safety Leave of Absence](#), [Prior Learning Assessment](#), [Medical/Compassionate Withdrawals](#), [Sexual Violence and Misconduct](#), [Standards for Awarding Credentials](#), [Student Ancillary Fees](#), [Student Appeals](#), and [Student Penalties and Fines](#).

### Student Conduct Policy

The [Student Conduct Policy](#) provides clear expectations of appropriate academic and non-academic student conduct and establishes processes for resolution of conduct issues or the imposition of sanctions for inappropriate conduct. It is the student's responsibility to become familiar with the content of this policy.

## A. GRADING SYSTEMS

<http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.5.pdf>

The following two grading systems are used at Camosun College:

### 1. Standard Grading System (GPA)

Percentage	Grade	Description	Grade Point Equivalency
90-100	A+		9
85-89	A		8
80-84	A-		7
77-79	B+		6
73-76	B		5
70-72	B-		4
65-69	C+		3
60-64	C		2
50-59	D		1
0-49	F	Minimum level has not been achieved.	0

## 2. Competency Based Grading System (Non GPA)

This grading system is based on satisfactory acquisition of defined skills or successful completion of the course learning outcomes.

Grade	Description
COM	The student has met the goals, criteria, or competencies established for this course practicum or field placement.
DST	The student has met and exceeded, above and beyond expectation, the goals, criteria, or competencies established for this course, practicum or field placement.
NC	The student has not met the goals, criteria or competencies established for this course, practicum or field placement.

## B. Temporary Grades

Temporary grades are assigned for specific circumstances and will convert to a final grade according to the grading scheme being used in the course. See Grading Policy at <http://www.camosun.bc.ca/policies/E-1.5.pdf> for information on conversion to final grades, and for additional information on student record and transcript notations.

Temporary Grade	Description
I	<i>Incomplete:</i> A temporary grade assigned when the requirements of a course have not yet been completed due to hardship or extenuating circumstances, such as illness or death in the family.
IP	<i>In progress:</i> A temporary grade assigned for courses that are designed to have an anticipated enrollment that extends beyond one term. No more than two IP grades will be assigned for the same course.