

MLAB 121 Laboratory & Phlebotomy Skills 1
Fall 2019

COURSE OUTLINE

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

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.

1. Instructor Information

- (a) **Instructor** Alex Purdy
(b) **Office hours** Wednesdays 1630-1720
(c) **Location** Room 317 Desk #99
(d) **Phone** 250-370-3000 ext. 4764 **Alternative:** [Click or tap here to enter text.](#)
(e) **E-mail** purdya@camosun.ca
(f) **Website** [Click or tap here to enter text.](#)

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 4th Ed.

4. Course Content and Schedule

Week	Topic
1	<ul style="list-style-type: none"> • Introduction to Course • Introduction to Phlebotomy materials • Anatomy of Phlebotomy
2	<ul style="list-style-type: none"> • Infection Control Lecture • Practical Skills Level 1 Lab
3	<ul style="list-style-type: none"> • Patient Identification, Order of Draw, Labelling and Handling of Specimens Lecture • Practical Skills Level 1 Lab
4	<ul style="list-style-type: none"> • Intro to Specimen Collection Lecture • Practical Skill Level 1 Patient Collection Lab
5	<ul style="list-style-type: none"> • Intro to Specimen Processing Lecture • Practical Skill Level 1 Patient Processing Lab
6	<ul style="list-style-type: none"> • Intro to Capillary Collections • Practical Skill Level 1 – Capillary Collections
	MIDTERM
7	<ul style="list-style-type: none"> • Ergonomics in Phlebotomy • Practical Skill Level 1 Patient Collection Lab
8	<ul style="list-style-type: none"> • Skills Check #1 • Reflective Assignment
9	<ul style="list-style-type: none"> • Situational Specimen Collections • Practical Skills Level 2 – Diverse Patient Based Scenarios Lab
10	<ul style="list-style-type: none"> • Alternative collection option for patient complication • Practical Skills Level 2- Butterfly Lab
11	<ul style="list-style-type: none"> • Problem Solving in patient care • Practical Skills Level 2 – Patient Based Scenarios
12	<ul style="list-style-type: none"> • Laboratory Equipment use and Maintenance • Practical Skills Level 2– Equipment maintenance and quality assurance lab
13	<ul style="list-style-type: none"> • Problem Solving in patient care • Practical Skills Level 2 – Patient Based Scenarios
14	<p>Final Written Exam Skills Check #2 Submit Minimum Successful Collections: Venipunctures 15 Capillary 10</p>

5. Basis of Student Assessment (Weighting)

Midterm	20 %
Reflective Assignment	10 %
Skills Check #1	20 %
Skills Check #2	30 %
Final Exam	20 %
TOTAL	100 %

6. Grading System

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

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

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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.
CW	<i>Compulsory Withdrawal:</i> A temporary grade assigned by a Dean when an instructor, after documenting the prescriptive strategies applied and consulting with peers, deems that a student is unsafe to self or others and must be removed from the lab, practicum, worksite, or field placement.