

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

Note: The University reserves the right to amend course outlines as needed without notice.

<b>Course Code and Number:</b> MLA 03		<b>Number of Credits:</b> 0 <a href="#">Course credit policy (105)</a>													
<b>Course Full Title:</b> Laboratory Safety and Infection Control															
<b>Course Short Title:</b> Lab Safety & Infection Control															
<b>Faculty:</b> Faculty of Education, Community, & Human Dev.		<b>Department (or program if no department):</b> Continuing Education													
<b>Calendar Description:</b> Outlines the application of how to use safe practices and risk management while working in the healthcare field with effective responses to workplace hazards. This includes using Workplace Hazardous Materials Information System (WHMIS) and Transportation of Dangerous Goods (TDG). First Aid CPR Level C will be obtained.															
<b>Prerequisites (or NONE):</b>		MLA 01.													
<b>Corequisites (if applicable, or NONE):</b>		NONE													
<b>Pre/corequisites (if applicable, or NONE):</b>		NONE													
<b>Antirequisite Courses</b> <i>(Cannot be taken for additional credit.)</i> Former course code/number: <b>N/A</b> Cross-listed with: <b>N/A</b> Equivalent course(s): <b>N/A</b> <i>(If offered in the previous five years, antirequisite course(s) will be included in the calendar description as a note that students with credit for the antirequisite course(s) cannot take this course for further credit.)</i>		<b>Course Details</b> Special Topics course: <b>No</b> <i>(If yes, the course will be offered under different letter designations representing different topics.)</i> Directed Study course: <b>No</b> <i>(See <a href="#">policy 207</a> for more information.)</i> Grading System: <b>Letter grades</b> Delivery Mode: <b>May be offered in multiple delivery modes</b> Expected frequency: <b>Annually</b> Maximum enrolment (for information only): <b>24</b>													
<b>Typical Structure of Instructional Hours</b> <table border="1"> <tr> <td>Lecture/seminar</td> <td>30</td> </tr> <tr> <td>Supervised laboratory hours (science lab)</td> <td>30</td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td><b>Total hours</b></td> <td><b>60</b></td> </tr> </table>		Lecture/seminar	30	Supervised laboratory hours (science lab)	30							<b>Total hours</b>	<b>60</b>	<b>Prior Learning Assessment and Recognition (PLAR)</b> PLAR cannot be awarded for this course because: this is a course in a non-credit certificate program that relies on in-class experience and training.	
Lecture/seminar	30														
Supervised laboratory hours (science lab)	30														
<b>Total hours</b>	<b>60</b>														
<b>Scheduled Laboratory Hours</b> Labs to be scheduled independent of lecture hours: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes		<b>Transfer Credit</b> <i>(See <a href="#">bctransferguide.ca</a>.)</i> Transfer credit already exists: <b>No</b> Submit outline for (re)articulation: <b>No</b> <i>(If yes, fill in <a href="#">transfer credit form</a>.)</i>													
<b>Department approval</b>		<b>Date of meeting:</b>													
<b>Faculty Council approval</b>		<b>Date of meeting:</b> February 21, 2025													
<b>Undergraduate Education Committee (UEC) approval</b>		<b>Date of meeting:</b> April 25, 2025													

**Learning Outcomes** *(These should contribute to students' ability to meet program outcomes and thus Institutional Learning Outcomes.)*

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

1. Describe infection control.
2. Demonstrate proper use of personal protective equipment (PPE).
3. Use lab safety equipment (biological safety cabinet, fume hood, eye wash station, emergency shower, etc.).
4. Demonstrate decontamination and sterilization of laboratory equipment and premises.
5. Mitigate risks of the following hazards: biological, chemical, physical, radiation, electrical, and ergonomic.
6. Respond to workplace emergencies: fire, spills, body fluid exposure, etc.
7. Interpret legislation for Workplace Hazardous Material Information System (WHMIS), Transportation of Dangerous Goods (TDG), and WorkSafe BC.
8. Apply first aid and CPR in response to a range of emergencies, as per the Standard First Aid and CPR C certificate.

**Recommended Evaluation Methods and Weighting** *(Evaluation should align to learning outcomes.)*

Assignments: 30%	Quizzes/tests: 15%	Final exam: %
Lab work: 40%	Final exam: 15%	%

**Details:**

A passing grade of 80% must be obtained prior to advancing to the next course.

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

**Typical Instructional Methods** *(Guest lecturers, presentations, online instruction, field trips, etc.)*

**Texts and Resource Materials** *(Include online resources and Indigenous knowledge sources. [Open Educational Resources](#) (OER) should be included whenever possible. If more space is required, use the [Supplemental Texts and Resource Materials form](#).)*

Type	Author or description	Title and publication/access details	Year
1. Textbook	McCall, R.	Phlebotomy Essentials	2023
2.			
3.			
4.			
5.			

**Required Additional Supplies and Materials:**

Scrubs, lab coat, hospital approved footwear, safety glasses.

**Course Content and Topics**

- Infectious cycle
- PPE
- Safety equipment
- Risk management of laboratory hazards
- Cleaning and sterilizing
- Workplace emergencies
- WHMIS, TDG, WorkSafe BC
- First Aid (stand-alone)