

Program/Course Health & Safety Form

Date: 7/31/2020	Campus: Langley
Faculty: Science and Horticulture	Programs affected: EPT; B.A.Sc. In Sustainable Agriculture; B.Hort, Plant Health Major- ENVI 1206 L40
Date of first group of students on campus: (if enrollments are low, the date can be pushed back to the third week of February) 1/25/2021	Date of first group of students to leave campus: 3/15/2021
Date of last group of students on campus (if needed): 2/8/2021	Date of last group of students to leave campus (if needed): 3/29/2021
Number of students anticipated on campus and on which days: The up to 20 students will be split into three groups. Each group will be on Langley campus (West 1345) on three consecutive Mondays from 10:00AM – 1:00PM. Group L40A: Jan 25, Feb 22, Mar 15, Group L40B: Feb 1, March 1, 22 Group L40C: Feb 8, Mar 8, 29	Number of employees on campus to support this program and on which days: 1 faculty member, 1 lab instructor/ lab technician each day Instructors Name: David Sud, Astrid Opsetmoen
Rationale for why students need to be on campus: To conduct 3 labs that require in-person instruction to learn laboratory techniques related to environmental chemistry: weighing of samples, preparing chemical solutions, making dilutions of solutions, pipetting of solutions, and performing titrations, use of a spectrophotometer as well as applying the ideal gas law. This is needed to ensure that students gain the learning outcomes expected in other courses for which ENVI 1206 is a prerequisite. As well as specific content, general laboratory skills developed in this course (safety awareness, use of chemical lab equipment, focus and attention to detail, etc.) are essential for later work in Environmental Protection Technology.	

Have you informed the Registrar of the scheduling requirements for this course? Yes/no and when informed?

The scheduling office will be notified on August 21st.

PPE requirements for students, faculty, and staff (quantity needed).

- Sanitizing spray (70% alcohol solution) –8L (2L for each group)
- Extra paper towels

Students are required to bring their own safety glasses, full-length lab coats & face masks. All students should come wearing their own mask before entering the building. Students should be wearing their lab coats, safety glasses as well as their masks before entering the lab.

Has there been consultation with the Faculty OH&S Committee or the instructor?

- The instructors have been consulted. EPT lab instructor Chris Hauta, BCGEU OH&S committee rep, has also been consulted.

Students must conduct Covid-19 self-assessment prior to arriving on campus and attending class.

Safety Plan for Employees and students:

- Wash your hands as soon as you enter the lab
- Follow the directional arrows on the floor
- Use the same station and stool. Masking tape will be placed on the lab bench at each station. Please write your name on the tape indicating your station and stool.
- Use the analytical balance and sink that are assigned to you
- Maintain a physical distance of at least 2 meters at all times
- Don't touch your face, nose and/or eyes

Most of the chemicals, glassware, and equipment you will require for each lab session will be available at your station. Everything has been thoroughly cleaned and sanitized for your safety. Additional supplies and balances (analytical and top-loading balances) are located on the adjacent benches.

At all times in the lab you will be required to:

- Wear a face mask
- Wear safety glasses
- Wear a full-length lab coat

Instructors will also be required to wear a face mask, safety glasses, and a full-length lab coat at all times.

Stations (including balances) are spaced such that students are standing at least two meters apart, if not further. Each station is provided with all the analytic equipment, reagents, and accessories needed to perform the lab exercise, minimizing the need for movement during the labs.

Smooth flow of the students to and from the stations has been addressed by the lab instructor (not included for brevity sake, but available).

Have you consulted with Dr. David Florkowski, AVPA before submitting this request?
Dr. Florkowski has approved this location for Fall F2F courses.

Submitted by: Click or tap here to enter text.

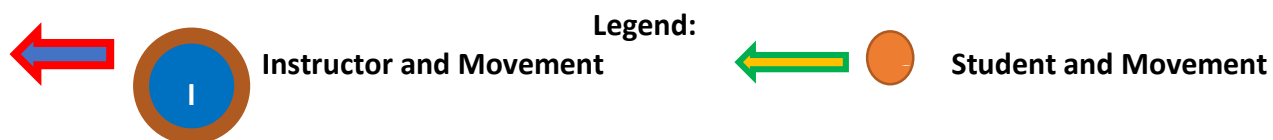
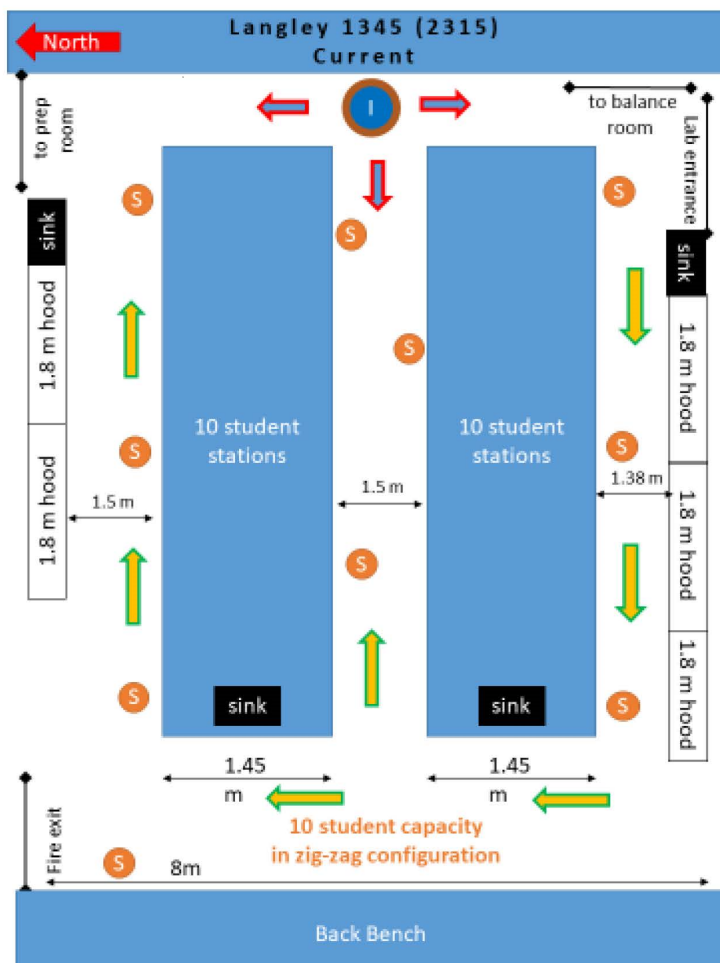
Approved by Provost and VPA:
 Dr. Sandy Vanderburgh

Signature: Click or tap here to enter text.
Date: Click or tap to enter a date.

Approved by the Office of Health & Safety
Name: Click or tap here to enter text.
 Pablo Dobud

Signature: Click or tap here to enter text.
Date: Click or tap to enter a date.

Insert sketch(es) of classroom arrangement and “flow of students” here.





COVID 19-Classroom/Shop/Laboratory Safety Plan Checklist

Department:

Campus:

Completed by:

Date:

Overview

- The following checklist must be completed for spaces being used for face to face activities/instruction.
- The intent is to ensure that minimum requirements are being considered to maintain safe spaces for employees and students in our classrooms, shops and laboratories.
- This checklist is by no means exhaustive and there may be other measures unique to your spaces that may need to be considered in developing your classroom/shop/laboratory safety plan.
- The requirements identified are consistent with the current guidelines provided by the Provincial Health Officer, BC Center for Disease Control and WorkSafe BC.

When completing this checklist describe the implementation details for each item indicated as “yes”.

1. Orientation, information and training on the Department’s Covid-19 Safety plan has been provided to employees and students?

Yes

Not Applicable

2. Handwashing posters posted in all washrooms?

Yes

Not Applicable

3. Students/employees are reminded to practice good hygiene during class and to wash hands immediately before and after class?

Yes

Not Applicable

4. Nearest handwashing sink located, is stocked and has been identified to students?

Yes

Not Applicable

5. Students have been advised that no eating/drinking is permitted during classes in classroom/shop/lab?

Yes

Not Applicable

6. Physical distancing posters posted in classrooms/shops/labs and throughout the common areas?

Yes

Not Applicable

7. The maximum number of persons allowed in a space has been determined in order to maintain 2-meter physical distancing?

Yes

Not Applicable

8. Occupancy limit signage posted on door?

Yes

Not Applicable

9. Directional arrows to support flow of people throughout the teaching space are in place?
Provide a floor plan with your plan indicating direction of flow of people, location of workstations, entry and exit points.

Yes

Not Applicable

10. If applicable, Facilities has been notified of additional cleaning needs for building/classrooms/shop/lab?

Yes

Not Applicable

11. If applicable, Facilities has been notified of additional signage required for the classroom/shop/lab?

Yes

Not Applicable

12. Students have been provided instruction on where to spend their break time? (No social gatherings, leave the building, in their cars)

Yes

Not Applicable

13. Classroom/shop/lab set up to allow for 2 meters physical distancing between all occupants?

Yes

Not Applicable

14. Demonstration and work areas set-up to allow for 2 meters physical distancing?

Yes

Not Applicable

15. If physical distancing or other measures are not practical installation of barriers or sneeze guards has been considered?

Yes

Not Applicable

16. Handouts, papers, pens, etc. are not physically provided to students? (Use e-versions, students provide their own, etc.)

Yes

Not Applicable

17. When possible, students should have their own dedicated tools/equipment? (Items are not shared between students during class).

Yes

Not Applicable

18. Common touch points and tools/equipment that must be shared are identified?

Yes

Not Applicable

19. Cleaning and disinfecting program in place for cleaning/sanitizing shared tools/equipment and touch points?

Yes

Not Applicable

20. Students and employees are given instruction for the safe and correct use of any cleaning/sanitizing materials?

Yes

Not Applicable

21. Safety Data Sheets available for cleaning/disinfecting supplies?

Yes

Not Applicable

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22. Students/employees are given instruction for the safe and correct use of any provided personal protective equipment (PPE)? Instruct students/employees on how to safely use, remove, and dispose/clean (as applicable) any required PPE for the class. **Please note in regards to Covid-19, PPE should only be considered when physical distancing and other measures are not practical to implement.**

Yes

Not Applicable

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23. First Aid protocol has been reviewed with students and employees? Students in need of first aid to notify instructor and instructor to call First Aid Attendant. Follow directions of First Aid Attendant.

Yes

Not Applicable

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24. A process has been developed to deal with employees not following the control measures?

Yes

Not Applicable

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25. A process has been developed to deal with students not following the established control measures?

Yes

Not Applicable

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26. A process is in place to advise employees to stay home if sick, and how to report COVID-19 like symptoms? (Supporting measures should also be in place to accommodate absences and provide coverage, if applicable)

Yes

Not Applicable

27. A process is in place to advise students to stay home if sick and how to report COVID-19 like symptoms? (Supporting measures should also be in place to accommodate absences?)

Yes

Not Applicable

28. Students are advised to self-monitor and notify instructor if not feeling well?

Yes

Not Applicable

29. Employees are encouraged to self-monitor and to notify supervisor if not feeling well?

Yes

Not Applicable