

Program/Course Health & Safety Form

Date: 8/10/2020	Campus: Langley
Faculty: Science and Horticulture	Program: Brewing and Brewery Operations – HOPS 2314 L01 L02
Date of first groups of students on campus: 1/7/2021	Date of first groups of students to leave campus: 2/11/2021
Date of second group of students on campus (if needed): 3/4/2021	Date of second group of students to leave campus (if needed): 4/8/2021
Number of students anticipated on campus and on which days: The students in the cohort will be split into two groups of up to 8 in each group. Lab 1400 on Langley Campus will accommodate 8 students per group. All labs run 8:00 – 13:00 (5 hours) L01 – Jan 7, 14, 21, 28, Feb 5, 11 L02: Mar 4, 11, 18, 25, Apr 1, 8 No labs are scheduled during the week of February 15.	Number of employees on campus to support this program and on which days: Langley: 2 lab instructors on Thursdays Instructor Name: Jon Howe Derek Kindret
Rationale for why students need to be on campus: A key component to the Brewing & Brewery Operations Diploma Program is that we offer a large number of opportunities for students to learn practical skills. This hands-on knowledge is essential for the completion of our students' education and is also something potential employers value greatly. Furthermore, the brewing process encompasses not only making a product, but also refining and packaging that product as well. The product being made in our other courses (HOPS 1105 – 2405) will absolutely need to be refined and packaged in this lab in order for our operation to continue. This is the advanced version of HOPS 1214 and as such the students will have further opportunity to develop their skills, while simultaneously learning new quality control techniques and alternative process steps. This will also ensure students meet learning outcomes of 2-year programs recognized by the Master Brewers Association of the Americas (currently recognized since 2017), as well as the learning outcomes required for graduating from the Brewing and Brewery Operations program.	

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).

- PPE will be provided for faculty and staff; however, students will be required to provide their own non-surgical masks or face masks: 13 (3 instructors 10 students)
- Nitrile gloves: 10 box of XL size, 10 box Large, 10 Box Med and 10 box of Small size
- Sanitizing spray (70% alcohol solution) in 8 spray bottles/squeeze bottles
- Extra paper towels

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

Draft of this proposal was written by lab instructor Jon Howe and revised by course instructor Alek Egi.

Students must conduct COVID-19 self-assessment prior to arriving on campus and attending class. If you are experiencing any signs and symptoms that may be related to COVID-19, you need to remain home, contact 811, then contact the instructor to determine next steps. Instructors/lab staff will check in with you when you arrive on campus to ensure that this is being strictly followed.

Safety Plan for Employees and students:

Prior to entry of the brewery, students will be instructed to:

- Wash your hands as soon as you enter the lab
- The doors will be propped open to eliminate the necessity to touch door handles until all students are in the lab.
- Follow the directional arrows on the floor
- Use the same workstation
- Maintain a physical distance of at least 2 meters whenever possible
- Don't touch your face, nose and/or eyes
- Wear a face mask at all times

Students will come in and leave the lab in a controlled fashion, one by one, following the arrows on the floor while maintaining physical distancing and wearing PPE. Trays and table surfaces will be sanitized after each session with 70% ethanol and wipes.

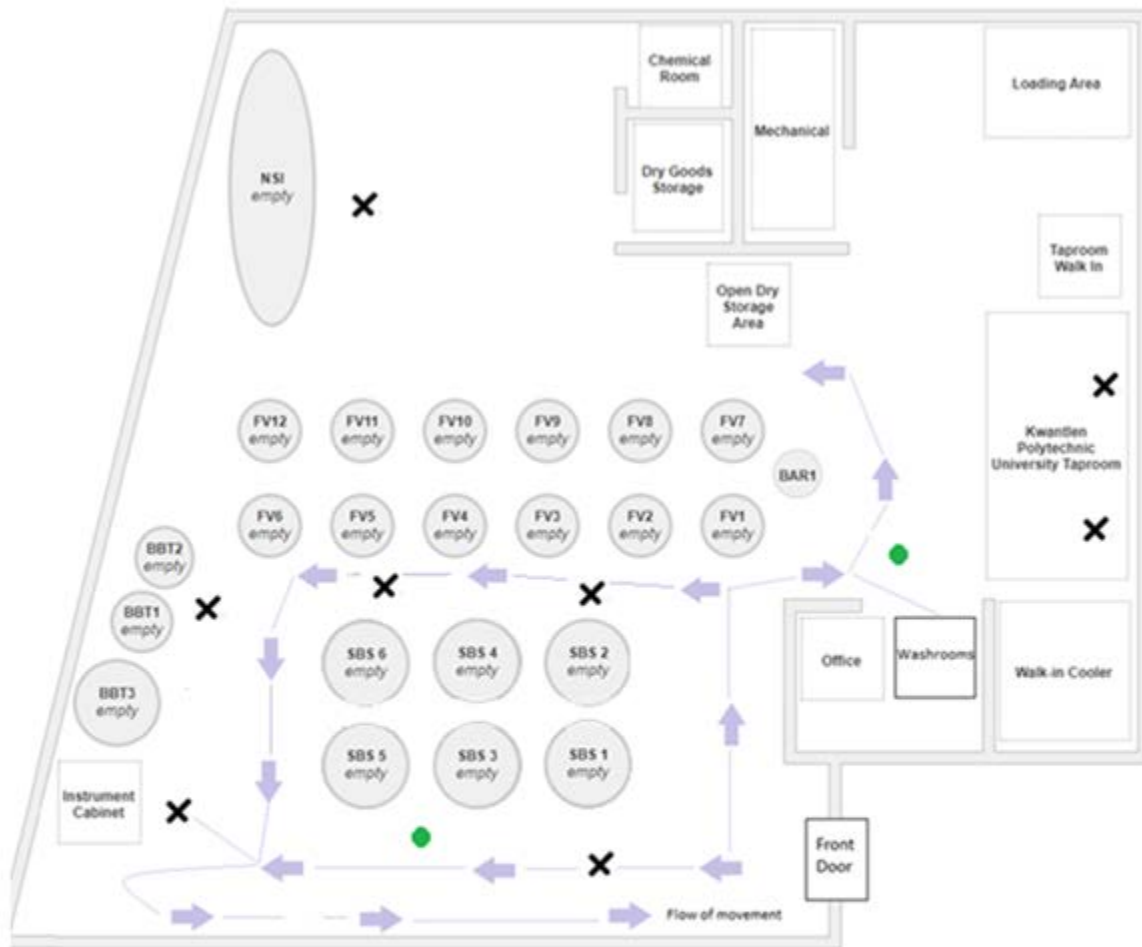
Students will work in pairs at a single station and use designated work areas within the brewery. In between lab sessions work areas will be sanitized by instructors and students.

Employees and students will be required to wear gloves and a non-surgical face mask, along with other brewery related PPE at all times while in the brewery.

Have you consulted with Dr. David Florkowski, AVPA before submitting this request? Dr. Florkowski visited the lab space on July 24th, 2020.	
Student Self Assessment Script Student Self Assessment for COVID-19 symptoms will be part of the initial education for students regarding the COVID-19 Safety Plan for HOPS 1105, will be posted on the course website (Moodle), and will be part of the onsite check-in with students when they arrive on campus. The course website and student education for COVID-19 Safety Plan will include the following script. “If you are experiencing any signs and symptoms that may be related to COVID-19, you need to remain home, contact 811, then contact the instructor to determine next steps.” When students come onto campus, Employees (instructor/staff) will check in with the students using the following script or similar. “How are you feeling today?” “If you are experiencing signs and symptoms related to COVID-19, then we ask that you leave the facilities, go home, and contact 811.” Please ask student to connect with you to determine next steps.	
Submitted by: Elizabeth Worobec, Dean, Faculty of Science and Horticulture	
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.	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 (next page).

Langley Brewery - 1400



-  Student Location during most of the brew day.
 -  Instructor Locations during most of the brew day.
 -  Workflow of students and instructors
- A maximum of 8 students and 2 instructors will occupy this space.



Main work area (indicated by star) and path students who are cleaning tanks will follow.



Students will work at tables segregated by red tape in order to enforce social distancing



Students will have individual stations spaced 6ft apart whenever possible.



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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