

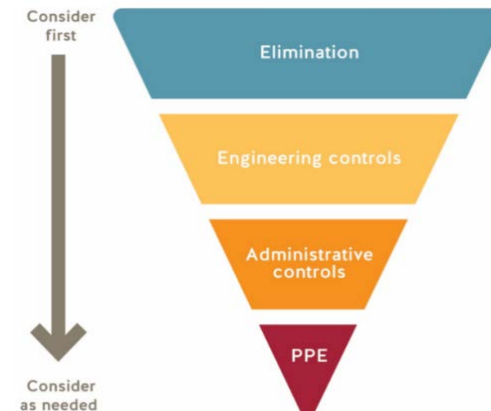


BCIT COVID-19 SAFETY PLAN ACADEMIC SPACES

The BCIT COVID-19 Go-Forward Plan outlines the risk assessments, control measures, and the organizational process for our safe return to campus. All returning programs/courses must adhere to this process. Please refer to the [BCIT COVID-19 Go-Forward Plan](#) for additional information.

CONTACT INFORMATION

Course/Program Name:	OCHS 3311 Occupational Hygiene 1. Occupational Health & Safety Diploma program.		
Proportion of program offered on campus:	<i>This is the only on campus course in the OHS Diploma program.</i>		
Start date:	Class is every Wednesday September 9, 2020 (Mix of on-campus and virtual). Actual date dates of planned on-campus labs <ul style="list-style-type: none"> • September 23, 2020 • September 30, 2020 • October 14, 2020 • November 4, 2020 	End date:	Course end for labs December 2, 2020
# of students:	14 (Two sets of 7)	# of employees:	1 (Gurleen Bhatia)
Completed by:	Name: Bobby Sidhu	Position OHS Diploma Program Head	Date August 24 th



ROOM INFORMATION

In this section, please identify all of the rooms that will be used by this returning program/course. NOTE: Common areas are covered by the BCIT COVID-19 Go-Forward Plan.			
Campus/ Building	Room Number <small>Floor Plans found here</small>	Type of Space <small>Include washrooms and breakout rooms</small>	Capacity <small>Current capacity due to COVID-19</small>
SW 1	3021	Lab	8
SW 1	3005	Classroom – used for storage	8
SW1	3150	Student break area 1	6
SW 1	3170	Student break area 2	6



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RATIONALE FOR ON-CAMPUS ACTIVITY

Please provide a short description explaining the need for students to be on campus. Your narrative should be focused on the practical elements of the program or activity that are critical to achieving learning outcomes, and why on campus components cannot be replicated in an online or alternative environment (e.g. student bringing learning equipment home).

This is an occupational hygiene lab course focused on physical hazards evaluation which requires students to utilize various pieces of lab equipment. This is the hands-on experience students need to compliment the occupational hygiene theory course (OCHS 3301) which they are completing concurrently. For grads to work in industry as a safety practitioner they need this hands-on training. The lab course will be offered from September 9th to December 2nd and will include a mix of on-campus and virtual lab activities throughout the term. The planned on-campus days have been outlined above.

CONTROL MEASURES

COVID-19 SAFETY PLAN: CONTROL MEASURES CHECKLIST

Directions for completing a Safety Plan:

1. First step of this process is to review the [BCIT COVID-19 Go-Forward Plan](#) as the overall planning document for this process.
2. Use this checklist as a tool to assess COVID-19 control measure preparedness for students and employees and the spaces they will be using. Refer to the BCIT COVID-19 Go-Forward Plan for standardized safety guidelines and procedures.
3. For each control measure, state the details. If the control measure is a 'No' or 'NA', please provide a brief explanation.
4. The manager requests all PPE requirements by submitting this draft Safety Plan to the PPE@bcit.ca.
5. Implement all the safety measures in this Safety Plan.

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6. The manager completes a site visit to ensure all control measures and safety supplies are in place.
7. The manager signs the completed Safety Plan and submits it to returntocampus@bcit.ca for approval.
8. Once approved, the COVID-19 Safety Plan is posted in all work areas identified within this plan.

Note: The workspaces cannot be used until all applicable control measures are in place and Safety Plan is approved. For additional resources the [Risk Assessment Controls Guidance and Hierarchy of Controls](#). For assistance email ssemohs@bcit.ca.

#	Control Measure	Yes	No	NA	Details (as per Directions)
ELIMINATION					
1.	Room(s) set up to allow for 2 metres physical distancing during instruction and practice. Note: Contact returntocampus@bcit.ca for room capacity and layout if needed.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Exceptions allowed as per BCIT COVID-19 Go-Forward Plan , Risk Matrix Summary (explain): Assessment done by S&S Rebecca Chan. Capacity of 8 students determined for the room however this course will only have 7 student + 1 instructor per set Each student has their own assigned seat which is a minimum of 2 m distance from other students and the instructor. A pathway is marked for access and egress.
2.	Demonstration, work and assessment stations are set-up to allow for 2 metres physical distancing.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Exception allowed as per BCIT COVID-19 Go-Forward Plan , Risk Matrix Summary (explain): This is done – students have their own equipment and demos are planned for equipment that is not available for all students. The two lab sets will not share equipment and will receive their own distinct equipment for each lab.
3.	Identified area(s) where students wait outside of teaching space until allowed inside by instructor.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Done. Students will be allowed to enter lab upon arrival. First students to arrive will have to sit at front to allow more students to enter class from rear doors. Students will wait in room SW1-3150 if needed prior to entry. Students will be instructed a maximum of 6 are allowed in SW1-3150 and should the class be full (max 6) students will be instructed to go to SW1-3170 as an alternate. Gurleen Bhatia will visit the room before labs to ensure students are maintaining room limits.
4.	Work has been scheduled to minimize numbers of individuals on campus at one time.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Done – The lab is split into two sets so the 14 students in the class are never on site at the same time. Only 7 students maximum will attend the lab at any given time.
5.	In shared spaces, safety protocols have been put in place to reduce close contact between users.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Distancing will be enforced.
6.	Movement within the room is identified, such as with directional arrows, for walkways and entrances/exits.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Signs or arrows on the floor identifying directions. This is done.
7.	Water fountains are put out of service, and only touchless water bottle filling station available.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Done.

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#	Control Measure	Yes	No	NA	Details (as per Directions)
8.	Mobile fans have been removed or put out of service.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Done.
7.	Washrooms have been identified.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	If yes, Washroom occupancy limit <u>1</u> . SW1-3420 (female) Washroom; SW1-3220 (male) Washroom
8.	Break area(s) for student use have been identified.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	If yes, what control measures are in place to maintain physical distancing? Two metre distancing requirement/policy. Students will be outside or in SE2 which has lots of room for distancing. Students will be directed to use room SW1-3150 Occupancy Limit <u>N/A</u> If there is an occupancy limit, is sign posted? Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
9.	Break areas for employee use have been identified.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	If yes, what control measures are in place to maintain physical distancing? In SE2 or office Occupancy Limit of 2 in office. If there is an occupancy limit, is sign posted? Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
10.	Other:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
ENGINEERING CONTROL MEASURES					
11.	<u>Barriers</u> are implemented to separate work areas or walk ways, when physical distancing not practical.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not required as distancing can be used.
12.	Barriers are stable and do not introduce other safety hazards, e.g. tripping.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	See above.
13.	The impact on ventilation requirements have been considered if there's been a significant use change for the instructional space.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Complete a Facilities and Campus Development work requisition for assessment, as needed. There is no change as these rooms usually are used primarily for this type of lab work.
	Other:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
SIGNAGE (ADMINISTRATIVE) Signage is available @ BCIT online Inventory. Guidelines for posting signs are available on ShareSpace.					
13.	Posted: Physical distancing (2 m) sign(s) Item 1A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Posted.
14.	Posted: Hand washing sign(s) Item 29B	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Posted.
15.	Posted: Health screen sign(s) Item 3C	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Posted.
16.	Posted: Hand washing sink location sign(s) Item 14A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Posted.
17.	Posted: Hand sanitizing station location sign(s) Item 13A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Posted.
18.	Posted: Protect yourself sign(s) Item 21A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Posted.
19.	Posted: Occupancy limit of this room sign(s) Item 37A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Posted.
20.	Posted: Other signs	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Please list:

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ORIENTATION AND TRAINING (ADMINISTRATIVE)					
21.	Routine safety discussions held to review control measures and safety protocols.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Instructor will do at start of course.
22.	All students have completed the online COVID-19 Pandemic On-Campus Guidelines training.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>How will compliance be checked:</i> Ask students to verify they have completed the training available in the learning hub.
23.	COVID-19 safety Site orientation for students has been developed and posted in the Learning Hub.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Procedure for orientation found here. Student COVID-19 Orientation Checklist found here.</i>
24.	All employees have completed the online BCIT Pandemic Exposure Control Plan Training .	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Instructors have completed training.
25.	All employees have completed the online New Employee Orientation module .	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>New and Returning Employee Orientation Checklist found here. Each employee to save the checklist to their online New Employee Orientation course</i>
26.	Other:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
RULES AND GUIDELINES (ADMINISTRATIVE)					
27.	All unnecessary and self-serve items have been removed from the spaces. <i>e.g., pens, paper, etc.</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>All supplies asked for prior to class and stocked at each workspace. This is done.</i>
28.	Doors that students are to use to enter and exit have been clearly identified.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Signs or arrows on the floor. This is done.</i>
29.	Handouts, papers, and items are not physically provided to students.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<i>If items are provided, they are cleaned between student use or disposed, or other control measures are in place – Describe:</i> Handouts are prepared a week in advance for students. Equipment will be cleaned between student use as required however most equipment will be provided for each student and not shared between students.
30.	Students have dedicated tools/equipment, e.g., items are not shared between students.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes.
31.	If cleaning common touch points or tools/equipment not practical, then it is identified when hands are washed/sanitized before and after use.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Explain: Instructor will ensure appropriate handwashing. Will be done. There is a sink and soap/paper in the lab students can use as well as a nearby washroom. We have hand sanitizer for each student (Ethyl Alcohol 65% Acquired by department Germs Be Gone! Hand Sanitizer Gel Brands International Inc. Health Canada NPN800211511).</i>
32.	Work spaces/stations are dedicated for an individual or group use and not shared with others.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Done.
33.	Single-use (disposable) products are used where feasible.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes.
34.	Measures are in place to accommodate student sick at home.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<i>Accommodation plan: Instructor will work with student to re-allocate assignment marks or provide an alternate activity for the labs a student may miss due to being sick</i>

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35.	Procedures in place to screen students on a daily basis.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The health screen poster is available for reference and is posted on building doors. Students and employees are expected to self assess daily, and the BCCDC self-assessment tool can be used to support this. Students will be responsible to self screen.
36.	There is a procedure in place if a student or employee becomes ill on campus.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Refer to the COVID-19 Pandemic Scenario Playbook for more information. If the person is reporting symptoms, ask them to avoid others and return home. If they require immediate medical attention, call First Aid and 911. – We will follow this procedure.
37.	There are procedures in place if a student or employee travels before coming to campus, or has been in close contact with someone who has tested positive for COVID-19.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Refer to the COVID-19 Pandemic Scenario Playbook for more information. Confirm if the person is aware of self-isolation requirements and protocols . Student received COVID-19 questionnaire and info prior to course.
38.	Provisions made for students to maintain same lab/class cohort throughout the Term.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The students will be divided into two sets at of 7 at the beginning of the term and will maintain those cohorts for the duration of the term.
39.	Other:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
PERSONAL PROTECTIVE EQUIPMENT (PPE). Refer to the PPE Flowchart to determine what PPE is required for COVID-19 purposes.					
40.	Appropriate PPE for the hazards of employee and student tasks are available to be provided (non-COVID-19 related ppe).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	List the ppe and tasks/activities it is required for, and provide the quantity and unit of measure, if applicable (e.g. 2 boxes of 20 each box): Department has appropriate type and supply of masks, hand sanitizer and approved disinfectant for the course. Face shields and other eye protection (goggles) also available as needed. A few times during the course the instructor must check on or test students by being within 2 meters. During those activities students and instructors will wear masks and instructors will wear face shields.
41.	Training is provided for the above PPE to students and employees.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Will be provided by instructor who is a safety professional
42.	Appropriate PPE for COVID-19 is available to be provided to students and employees. Supply requests emailed to ppe@bcit.ca .	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Based on circumstances allowed for in the BCIT COVID-19 Go-Forward Plan, Risk Assessment Matrix Summary . List PPE and tasks/activities required for and provide the quantity and unit of measure, if applicable (e.g. 2 boxes of 20 each box): Distancing is main control in place. PPE is available in large supply. Masks are readily available for staff/students.
43.	PPE safe donning, doffing, disposal, and disinfecting instructional materials are available for students and employees.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Post applicable signs in a visible location if ppe required. Use the Student Orientation checklist to assist orientation/training by instructors. Use the Employee Orientation checklist to assist orientation/training by their supervisors.
44.	Other:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
CLEANING					
45.	Facilities is aware of the cleaning needs for the area. Facilities work requests have been submitted.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Cleaning includes common touch points and appropriate frequency for the area. This includes high touch areas. Provide FCD work request number(s).

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#	Control Measure	Yes	No	NA	Details (as per Directions)
					Door handles and desk areas. Lab instructor will be putting out and removing equipment daily and will be cleaning the equipment.
46.	Training will be provided to faculty and students performing cleaning duties and cleaning materials have been provided.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Cleaning Standard Operating Procedures have been located here. What are the cleaning products/materials: Dr Thym Sanitary solution. Health Canada DIN 02498669</i> <i>What PPE is required: Gloves</i>
47.	Assessment of sufficient number of hand wash stations conducted, and an appropriate number of handwashing stations are available	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Consider time it will take for hand washing to take place, to determine what is e.a. sufficient number of hand wash stations. Some areas find a ratio of 8:1, students to sink, effective. The minimum amount of hand washing required is once before class starts, after class ends and before and after breaks. Will do – only 7 students in this class.</i>
48.	Handwashing station(s), stocked, easily accessed, and have been identified to students and employees.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Sink Location: Sink in each lab and in SW1-3420 (female) Washroom; SW1-3220 (male) Washroom.</i> <i>Stocked with soap Y <input checked="" type="checkbox"/> N <input type="checkbox"/> paper towel Y <input checked="" type="checkbox"/> N <input type="checkbox"/></i>
49.	Hand sanitizing station(s), stocked, and have been identified to students and employees.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>ABHS (Alcohol-Based Hand Sanitizer): Location(s) provided individually to each student on their desks.</i> <i>Germes Be Gone Health Canada NPN800211511</i> <i>Will hand sanitizer be refilled by department: Y <input checked="" type="checkbox"/> N <input type="checkbox"/></i> <i>If No, describe:</i>
50.	All Safety Data Sheets (SDS) and cleaning procedures used are found here .	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>If not, describe:</i>
51.	The area(s) have been decluttered so that cleaning is simplified.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Done. Students will use room SW1-3005 to store their personal belongings.
52.	Barrier cleaning process has been arranged if the barrier(s) could become contaminated.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<i>Barriers can become contaminate if they are a touch point or if the contaminated with droplets by e.g. coughing or sneezing.</i> We do not use barriers.
53.	Common touch points and tools/equipment that must be shared are identified and cleaned between students and classes.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Cleaning/sanitizing procedures for common touch points and shared items are posted e.g. shared machinery, equipment, tools, etc. Identify who will clean and how often (e.g. staff and/or students): If/when required students will clean after use.</i> Done. No sharing of equipment.
54.	Storage space for personal articles have been identified and are cleaned regularly.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Who will clean: Lab manager – Fred Shaw</i> <i>Where is the storage:SW1 3005 classroom</i>
55.	Other:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	


AUDIT AND CONTINUOUS IMPROVEMENT



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#	Control Measure	Yes	No	NA	Details (as per Directions)
56.	There is a plan to conduct regular inspections of all control measures and safety protocols to ensure they are in place.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Ensure this COVID-19 Safety Plan is posted. Who will conduct these inspections and how often? Lab manager – Fred Shaw - daily</i>
57.	Audits of inspections are planned to ensure that control measures continue to be effective.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Who conduct the audits and how often? Instructor – Gurleen Bhatia will audit each hour during the 3 hour labs to ensure control measures continue to be effective.</i>

APPROVAL

All COVID-19 risk control measures for this campus activity are in place.			
Manager	Name Jeff Dyck 	Position Associate Dean	Date Sept 03, 2020
EOC	Name <i>Glen Magel</i>	Position EOC Director	Date September 5, 2020