

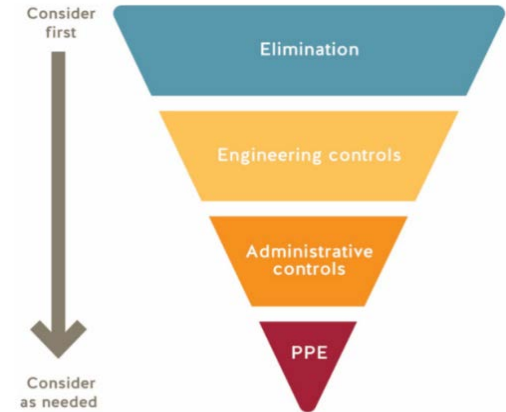


## BCIT COVID-19 SAFETY PLAN ACADEMIC SPACES

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

<b>Course/Program Name:</b>	Aircraft Maintenance Engineer Category 'E' (Electronics): courses AVAV 1107, 1108, 2105, 2106, and 3106.		
<b>Proportion of program offered on campus:</b>	<i>Programme = total of 17 courses of which each have some 'on campus' activity.</i>		
<b>Start date:</b>	September 7, 2020	<b>End date:</b>	December 31, 2020
<b># of students:</b>	16 per course	<b># of employees:</b>	2
<b>Completed by:</b>	Name Chris Shannon Matthieu Mercer Lindsey Zikakis	Position Faculty member Faculty member Administrative Manager	Date August 26, 2020



### ROOM INFORMATION

<p>In this section, please identify all of the rooms that will be used by this returning program/course.  <b>NOTE: Common areas are covered by the BCIT COVID-19 Go-Forward Plan.</b></p>			
Campus/ Building	Room Number <small>Floor Plans found <a href="#">here</a></small>	Type of Space <small>Include washrooms and breakout rooms</small>	Capacity <small>Current capacity due to COVID-19</small>
ATC	252	Academic Lab space	4 student workbenches
ATC	253	Academic Lab space	6 student workbenches at a time
ATC	260 A, B	Washroom	2 per



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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).

The hands-on learning components of these courses require students to be on campus for supervised training on specialised equipment only available at campus.

### 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](mailto:PPE@bcit.ca).
5. Implement all the safety measures in this Safety Plan.
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](mailto: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](mailto:ssemohs@bcit.ca).

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#	Control Measure	Yes	No	NA	Details (as per Directions)
<b>ELIMINATION</b>					
1.	Room(s) set up to allow for 2 metres physical distancing during instruction and practice. <b>Note:</b> Contact <a href="mailto:returntocampus@bcit.ca">returntocampus@bcit.ca</a> for room capacity and layout if needed.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Exceptions allowed as per <a href="#">BCIT COVID-19 Go-Forward Plan</a> , Risk Matrix Summary (explain):
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 <a href="#">BCIT COVID-19 Go-Forward Plan</a> , Risk Matrix Summary (explain):
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"/>	Instructor will meet students at door to campus and escort to lab rooms.
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"/>	Cohorts using these labs will be split into two, with half on campus in the morning and half in the afternoon.
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"/>	
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"/>	Marked pathways on floor and protocol in place to ensure one person within pathway at a time.
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"/>	
8.	Mobile fans have been removed or put out of service.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
7.	Washrooms have been identified.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	If yes, Washroom occupancy limit 2 per each men's and women's
8.	Break area(s) for student use have been identified.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	If yes, what control measures are in place to maintain physical distancing? No breaks Occupancy Limit _____ If there is an occupancy limit, is sign posted? Y <input 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? Occupancy Limit <u>8</u> If there is an occupancy limit, is sign posted? Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
10.	Other: Eliminated sharing of equipment and parts from activities.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Students will be issued own components kits and assigned dedicated equipment/tools
<b>ENGINEERING CONTROL MEASURES</b>					
11.	<a href="#">Barriers</a> are implemented to separate work areas or walk ways, when physical distancing not practical.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12.	Barriers are stable and do not introduce other safety hazards, e.g. tripping.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
13.	The impact on ventilation requirements have been considered if there's been a significant use change for the instructional space.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Complete a <a href="#">Facilities and Campus Development work requisition</a> for assessment, as needed.
	Other: Sneeze guard shield at instructor project inspection station	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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#	Control Measure	Yes	No	NA	Details (as per Directions)
<b>SIGNAGE (ADMINISTRATIVE)</b> Signage is available @ <a href="#">BCIT online Inventory</a> . Guidelines for posting signs are available on <a href="#">ShareSpace</a> .					
13.	Posted: Physical distancing (2 m) sign(s) Item 1A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14.	Posted: Hand washing sign(s) Item 29B	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
15.	Posted: Health screen sign(s) Item 3C	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
16.	Posted: Hand washing sink location sign(s) Item 14A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
17.	Posted: Hand sanitizing station location sign(s) Item 13A	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
18.	Posted: Protect yourself sign(s) Item 21A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
19.	Posted: Occupancy limit of this room sign(s) Item 37A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
20.	Posted: Other signs	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<i>Please list:</i>
<b>ORIENTATION AND TRAINING (ADMINISTRATIVE)</b>					
21.	Routine safety discussions held to review control measures and safety protocols.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Regular in-person verbal reminders during lab time
22.	All students have completed the online <a href="#">COVID-19 Pandemic On-Campus Guidelines</a> training.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>How will compliance be checked: Programme Assistants will run classlist completion reports from the Learning Hub</i>
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 <a href="#">here</a> Student COVID-19 Orientation Checklist found <a href="#">here</a>.</i>
24.	All employees have completed the online <a href="#">BCIT Pandemic Exposure Control Plan Training</a> .	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
25.	All employees have completed the online <a href="#">New Employee Orientation module</a> .	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>New and Returning Employee Orientation Checklist found <a href="#">here</a>. Each employee to save the checklist to their online New Employee Orientation course</i>
26.	Other: Onsite lab orientation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Instructors will provide onsite orientation on the first day of class
<b>RULES AND GUIDELINES (ADMINISTRATIVE)</b>					
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"/>	All supplies asked for prior to class and stocked at each workspace
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"/>	Room has one door, students will be advised to enter/exit one-at-a-time and to maintain 2 m physical distancing.
29.	Handouts, papers, and items are not physically provided to students.	<input checked="" type="checkbox"/>	<input 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: Tools and components will be dedicated to the student and be cleaned by Tool Crib attendants before being reissued to a new student</i>

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30.	Students have dedicated tools/equipment, e.g., items are not shared between students.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Items are dedicated, but a tool sanitising station within the lab has been set-up in case of unanticipated sharing between students.</i>
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: Scheduled gap of two weeks between groups of students; workbench surfaces will be sanitised before a new group of students and new, dedicated components/tools issued to students.</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"/>	<i>Explain: alternate designated workstations by am/pm shift: physically distanced space at workstations for AM students (red tape on the floor), and PM students (yellow tape on the floor)</i>
33.	Single-use (disposable) products are used where feasible.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Disposable gloves will be used when gloves are required for the activity.</i>
34.	Measures are in place to accommodate student sick at home.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Accommodation plan: student situations reviewed and accommodated on a case-by-case basis in consultation with Department Head</i>
35.	Procedures in place to screen students on a daily basis.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>The <a href="#">health screen</a> poster is available for reference and is posted on building doors. Students and employees are expected to self assess daily, and the <a href="#">BCCDC self-assessment tool</a> can be used to support this.</i>
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"/>	<i>Refer to the <a href="#">COVID-19 Pandemic Scenario Playbook</a> 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.</i>
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"/>	<i>Refer to the <a href="#">COVID-19 Pandemic Scenario Playbook</a> for more information. Confirm if the person is aware of self-isolation <a href="#">requirements</a> and <a href="#">protocols</a>.</i>
38.	Provisions made for students to maintain same lab/class cohort throughout the Term.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
39.	Other:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<b>PERSONAL PROTECTIVE EQUIPMENT (PPE). Refer to the <a href="#">PPE Flowchart</a> to determine what PPE is required for COVID-19 purposes.</b>					
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"/>	<i>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):  <i>Students wear own eye protection, coveralls, and gloves when soldering.</i></i>
41.	Training is provided for the above PPE to students and employees.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
42.	<a href="#">Appropriate PPE for COVID-19</a> is available to be provided to students and employees. Supply requests emailed to <a href="mailto:ppe@bcit.ca">ppe@bcit.ca</a> .	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<i>Based on circumstances allowed for in the <a href="#">BCIT COVID-19 Go-Forward Plan</a>, 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):</i>

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43.	PPE safe <a href="#">donning, doffing, disposal, and disinfecting instructional</a> 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 <a href="#">Student Orientation checklist</a> to assist orientation/training by instructors. Use the <a href="#">Employee Orientation checklist</a> to assist orientation/training by their supervisors.
44.	Other:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<b>CLEANING</b>					
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). WR1450636
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"/>	Cleaning Standard Operating Procedures have been located <a href="#">here</a> . What are the cleaning products/materials: Isopropyl alcohol per industry standard and requirements of components being used. What ppe is required: gloves
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"/>	
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"/>	Sink Location: ___WCs_260A,B_____
49.	Hand sanitizing station(s), stocked, and have been identified to students and employees.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stocked with soap Y <input checked="" type="checkbox"/> N <input type="checkbox"/> paper towel Y <input checked="" type="checkbox"/> N <input type="checkbox"/> <b>ABHS (Alcohol-Based Hand Sanitizer):</b> Location(s)___within each lab at entry door and at instructor work stations Will hand sanitizer be refilled by department: Y <input checked="" type="checkbox"/> N <input type="checkbox"/> If No, describe:
50.	All Safety Data Sheets (SDS) and cleaning procedures used are found <a href="#">here</a> .	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	If not, describe: isopropyl alcohol is regularly used in this programme and students are trained on safety procedures, and the SDS posted in the Learning Hub
51.	The area(s) have been decluttered so that cleaning is simplified.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
52.	Barrier cleaning process has been arranged if the barrier(s) could become contaminated.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Barriers can become contaminate if they are a touch point or if the contaminated with droplets by e.g. coughing or sneezing. Instructor will clean sneeze guard.
53.	Common touch points and tools/equipment that must be shared are identified and cleaned between students and classes.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	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):
54.	Storage space for personal articles have been identified and are cleaned regularly.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Who will clean: n/a - dedicated workbenches  Where is the storage: at each student workbench



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#	Control Measure	Yes	No	NA	Details (as per Directions)
55.	Other:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<b>AUDIT AND CONTINUOUS IMPROVEMENT</b>					
56.	There is a plan to conduct <a href="#">regular inspections</a> of all control measures and safety protocols to ensure they are in place.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Ensure this COVID-19 Safety Plan is posted. Who will conduct these inspections and how often? Department Head will conduct daily then weekly inspections.
57.	<a href="#">Audits of inspections</a> are planned to ensure that control measures continue to be effective.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Who conduct the audits and how often? ATC Joint OH&S committee members, monthly

### APPROVAL

All COVID-19 risk control measures for this campus activity are in place.			
Manager	Name Sanja Boskovic	Position AD	Date August 28, 2020
EOC	Name <i>Glen Magel</i>	Position EOC Director	Date August 31, 2020