

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 <u>BCIT COVID-19 Go-Forward Plan</u> for additional information.

CONTACT INFORMA	ATION				Consider first	
Course/Program Name:	Aircraft Maintenance Engine		Elimination			
Proportion of program offered on campus:	AME "E" is a 16 month program – AVA		Engineering controls			
Start date:	Sept 28 ^{th,} 2020 for class 64E – dates for upcoming classes co through the program		End date:	Oct 16 th , 2020		Administrative controls
# of students:	2 groups of 8		# of employees:	1	Consider as needed	PPE
Completed by:	Name Matthieu Mercer	Position Instructo	r	Date Aug 14th, 2020		

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 Floor Plans found here	Type of Space Include washrooms and breakout rooms	Capacity Current capacity due to COVID-19					
ATC	263	Lab	8					
ATC	Hangar Apron	Outdoor space	16					
ATC	Level 2 south washrooms (room number not posted on location)	Washroom	2 for men, 2 for women					



ATC	130J	Shop	8
ATC	Washroom by security on first floor	<image/>	3 for men, 3 for women
ATC	Hangar	Large indoor space – will be used to access Apron and handwashing station	50 – Hand washing stations in hangar has a capacity of 1 student per station

BCIT



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).

Practical portion required to complete their program and be able to submit a grade. The practical projects involve trainers designed specifically for on campus work – specialized equipment/tooling limited and cannot be lent out. Trainers not portable to bring home. Learning outcomes from this course include: "perform instrument handling and packaging", "test air data instrument system", "perform compass system calibration"

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 <u>BCIT COVID-19 Go-Forward Plan</u> 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.
- 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 <u>returntocampus@bcit.ca</u> 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 <u>Risk</u> <u>Assessment Controls Guidance and Hierarchy of Controls</u>. For assistance email <u>ssemohs@bcit.ca</u>.

#	Control Measure	Yes	No	NA	Details (as per Directions)
ELIN	INATION				
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.				Exceptions allowed as per <u>BCIT COVID-19 Go-Forward Plan</u> , Risk Matrix Summary (explain): Floor plan designed to ensure conditions are met TOP = 130J, BOTTOM = 263



#	Control Measure	Yes	No	NA	Details (as per Directions)
					Legent Barrier Collineiron Collineiron
2.	Demonstration, work and assessment stations are set-up to allow for 2 metres physical distancing.				Exception allowed as per <u>BCIT COVID-19 Go-Forward Plan</u> , Risk Matrix Summary (explain): Assessment and demo could require close contact – portable "demo-barrier" can be implemented, live video feed, if still unable, masks must be worn – hand sanitization to be used, once prior to handling project (to protect others), and once after handling trainer/project (to protect user). Reminders to be given to avoid face touching. Reason that close contact may be required is that 2m distancing may not allow proper detailed observation of actions, demonstration or giving feedback to smaller detailed items. Measures will be taken to avoid close contact at all cost
3.	Identified area(s) where students wait outside of teaching space until allowed inside by instructor.				Tape or stickers to be laid out on the ground



#	Control Measure	Yes	No	NA	Details (as per Directions)
4.	Work has been scheduled to minimize numbers of individuals on campus at one time.	\boxtimes			New shop capacity will limit students on site. Staggered starts will also insure minimal occupancy
5.	In shared spaces, safety protocols have been put in place to reduce close contact between users.	\boxtimes			Shop layout (see attached documents) will help avoid close contact
6.	Movement within the room is identified, such as with directional arrows, for walkways and entrances/exits.	\boxtimes			Signs or arrows on the floor identifying directions.
7.	Water fountains are put out of service, and only touchless water bottle filling station available.	\boxtimes			As per floor plan
8.	Mobile fans have been removed or put out of service.			\boxtimes	No fans in any of the shops being used
7.	Washrooms have been identified.	\boxtimes			If yes, Washroom occupancy limit2
8.	Break area(s) for student use have been identified.			\boxtimes	No breaks will be given – if needed, students will remain in the shop at their designated stations following social distancing measures that have been put into place
9.	Break areas for employee use have been identified.	\boxtimes			If yes, what control measures are in place to maintain physical distancing? 1 seat per table, option to eat at cubicle to social distance Occupancy Limit8 If there is an occupancy limit, is sign posted? Y \boxtimes N \square
10.	Other:				
ENG	INEERING CONTROL MEASURES				
11.	Barriers are implemented to separate work areas or walk ways, when physical distancing not practical.	\boxtimes			Barriers in place as per provided documents of shop/lab layouts
12.	Barriers are stable and do not introduce other safety hazards, e.g. tripping.	\boxtimes			Barriers in place as per provided documents of shop/lab layouts
13.	The impact on ventilation requirements have been considered if there's been a significant use change for the instructional space.		\boxtimes		Complete a <u>Facilities and Campus Development work requisition</u> for assessment, as needed. *Not considered due to no changes of the instructional space, air circulation is sufficient – number of students has also decreased in these shop spaces
	Other:				
SIGN	IAGE (ADMINISTRATIVE) Signage is available @ BCIT onlin	<u>ne Inve</u>	<u>ntory</u>	Guide	elines for posting signs are available on <u>ShareSpace</u> .
13.	Posted: Physical distancing (2 m) sign(s) Item 1A	\boxtimes			Signage used as provided by bcit <u>https://inventory.bcit.ca/collections/eoc-approved-covid-19-signage</u>
14.	Posted: Hand washing sign(s) Item 29B	\boxtimes			Signage used as provided by bcit <u>https://inventory.bcit.ca/collections/eoc-approved-covid-19-signage</u>
15.	Posted: Health screen sign(s) Item 3C	\boxtimes			Signage used as provided by bcit <u>https://inventory.bcit.ca/collections/eoc-approved-covid-19-signage</u>



#	Control Measure	Yes	No	NA	Details (as per Directions)
16.	Posted: Hand washing sink location sign(s) Item 14A				No hand washing sink in Shop 263, Apron, or 130J Approved Signage is already posted at the handwashing stations in the hangar and bathroom on campus if students require hand washing at those locations
17.	Posted: Hand sanitizing station location sign(s) Item 13A				Signage provided at hand sanitizing station which will be located in center area of Shop 130J & Shop 263 on tables or on "stands" <u>https://inventory.bcit.ca/collections/eoc-approved-covid-19-signage</u>
18.	Posted: Protect yourself sign(s) Item 21A				Signage used as provided by bcit <u>https://inventory.bcit.ca/collections/eoc-approved-covid-19-signage</u>
19.	Posted: Occupancy limit of this room sign(s) Item 37A				Signage used as provided by WSBC https://www.worksafebc.com/en/resources/health-safety/posters/help- prevent-spread-covid-19-occupancy-limit?lang=en
20.	Posted: Other signs				Please list:
ORI	ENTATION AND TRAINING (ADMINISTRATIVE)				
21.	Routine safety discussions held to review control measures and safety protocols.	\boxtimes			Email reminders will be sent out
22.	All students have completed the online <u>COVID-19 Pandemic On-</u> <u>Campus Guidelines</u> training.	\boxtimes			How will compliance be checked: Tina & Chris from Admin will be tracking. Students will provide proof of completion prior to coming to campus
23.	COVID-19 safety Site orientation for students has been developed and posted in the Learning Hub.				Procedure for orientation found <u>here</u> . Student COVID-19 Orientation Checklist found <u>here</u> Upon completion of checklist, copies will be posted on the walls in each of Shop 130J & 263
24.	All employees have completed the online <u>BCIT Pandemic</u> <u>Exposure Control Plan Training</u> .				DECT Matthieu Mercer successfully complete BCIT's Pandemic Exposure Control Plan (ECP) Summary on Wednesday, June 17, 2020 Mathematical States of Control Plan (ECP) Summary Mathematical States of Control Plan (ECP) Summary (ECP)



#	Control Measure	Yes	No	NA	Details (as per Directions)
25.	All employees have completed the online <u>New Employee</u>	\boxtimes			New and Returning Employee Orientation Checklist found <u>here</u> . Each employee to save the checklist to their online New Employee Orientation course
26	Orientation module.				Each employee to save the checklist to their online New Employee Orientation course
26.	Other:				
RUL	ES AND GUIDELINES (ADMINISTRATIVE)				
27.	All unnecessary and self-serve items have been removed from the spaces. <i>e.g., pens, paper, etc.</i>	\boxtimes			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.	\boxtimes			Signs or arrows on the floor
29.	Handouts, papers, and items are not physically provided to students.		\boxtimes		If items are provided, they are cleaned between student use or disposed, or other control measures are in place – Describe: Prior to touching handouts, hands will be sanitized. Wherever possible items will be digitized and put onto D2L to fill in and students to submit online using D2L via "Assignment" tool .
30.	Students have dedicated tools/equipment, e.g., items are not shared between students.		\boxtimes		Trainers/equipment and tools will be setup prior to first student arriving. Hand sanitization to be used, once prior to handling project (to protect others), and once after handling trainer/tooling/equipment (to protect user).
31.	If cleaning common touch points or tools/equipment not practical, then it is identified when hands are washed/sanitized before and after use.				Explain: See #30
32.	Work spaces/stations are dedicated for an individual or group use and not shared with others.				Each station will be sanitized at end of day, or if two different groups will use in the same day, station will be sanitized during break (see item #45) Each student has a dedicated space
33.	Single-use (disposable) products are used where feasible.	\boxtimes			Gloves when required
34.	Measures are in place to accommodate student sick at home.	\boxtimes			Accommodation plan: Schedule with student for a separate catch up session
35.	Procedures in place to screen students on a daily basis.				The <u>health screen</u> poster is available for reference and is posted on building doors. Students and employees are expected to self assess daily, and the <u>BCCDC self-assessment</u> tool can be used to support this.
36.	There is a procedure in place if a student or employee becomes ill on campus.				Refer to the <u>COVID-19 Pandemic Scenario Playbook</u> 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.
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.				Refer to the <u>COVID-19 Pandemic Scenario Playbook</u> for more information. Confirm if the person is aware of self-isolation <u>requirements</u> and <u>protocols</u> .



#	Control Measure	Yes	No	NA	Details (as per Directions)
38.	Provisions made for students to maintain same lab/class cohort throughout the Term.	\boxtimes			Communication with student to remind and confirm group/class cohort
39.	Other:				
PERS	SONAL PROTECTIVE EQUIPMENT (PPE). Refer to the PPE F	lowcha	rt to d	leterm	nine 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).		\boxtimes		Coveralls and safety boots only required PPE for students. Students to provide their own boots & coveralls. Instructor assigned personal set of smock.
41.	Training is provided for the above PPE to students and employees.				Items from #40 do not require training
42.	<u>Appropriate PPE for COVID-19</u> is available to be provided to students and employees. Supply requests emailed to <u>ppe@bcit.ca</u> .				Based on circumstances allowed for in the <u>BCIT COVID-19 Go-Forward Plan</u> , 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): Box of gloves – avg 32 gloves use/day for approx. 10 days. Due to unpredictable hand sizing – will require the following: 3 boxes of medium gloves with 100 gloves/box 1 box of small gloves with 100 gloves/box 1 box of large gloves with 100 gloves/box
43.	PPE safe <u>donning</u> , <u>doffing</u> , <u>disposal</u> , <u>and disinfecting instructional</u> materials are available for students and employees.	\boxtimes			Post applicable signs in a visible location if ppe required. Use the <u>Student Orientation checklist</u> to assist orientation/training by instructors. Use the <u>Employee Orientation checklist</u> to assist orientation/training by their supervisors.
44.	Other:				
CLEA	ANING		1		
45.	Facilities is aware of the cleaning needs for the area. Facilities work requests have been submitted.	\boxtimes			Cleaning includes common touch points and appropriate frequency for the area. This includes high touch areas. Provide FCD work request number(s). FCD # to be obtained by department who will be placing the request
46.	Training will be provided to faculty and students performing cleaning duties and cleaning materials have been provided.				Cleaning Standard Operating Procedures have been located <u>here</u> . What are the cleaning products/materials: Disinfectant Spray, Wipes What ppe is required: Gloves for disinfecting trainers & special tooling, work desks if used and require cleaning outside of scheduled timing from #45, as deemed by instructor.
47.	Assessment of sufficient number of hand wash stations conducted, and an appropriate number of handwashing stations are available				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,



#	Control Measure	Yes	No	NA	Details (as per Directions)
					after class ends and before and after breaks.
					No capabilities of hand washing station in shop/lab and apron.
					Hand washing can be carried out in washrooms near shop (see room information at top
40					of document for location) Sink Location:Washrooms as stated in Room location at the top of this document
48.	Handwashing station(s), stocked, easily accessed, and have been identified to students and employees.	\boxtimes			Sink Location:vashrooms as stated in Room location at the top of this document
					Stocked with soap Y \Box N \Box paper towel Y \Box N \Box
49.	Hand sanitizing station(s), stocked, and have been identified to students and employees.	\boxtimes			ABHS (Alcohol-Based Hand Sanitizer): Location(s)1 station minimum in each shop 263 & 130J
					Will hand sanitizer be refilled by department: Y $oxtimes$ N \Box
					If No, describe: Expected that during #45 – this item will be looked at
50.	All Safety Data Sheets (SDS) and cleaning procedures used are found <u>here</u> .	\boxtimes			If not, describe:
51.	The area(s) have been decluttered so that cleaning is simplified.				Shop 130J and 263 de-cluttered and re-organized to minimize room usage to only required tasks as per Course Outline. All "loose" non-essential items have been removed/re-located to a storage area for instructor access only.
52.	Barrier cleaning process has been arranged if the barrier(s) could become contaminated.				Barriers can become contaminate if they are a touch point or if the contaminated with droplets by e.g. coughing or sneezing. Expected to occur during Item #45
53.	Common touch points and tools/equipment that must be shared are identified and cleaned between students and classes.				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): Instructor will carry out cleaning of tooling and equipment used during the day
54.	Storage space for personal articles have been identified and are	\boxtimes			Who will clean: See Item #45
	cleaned regularly.				Where is the storage: Storage will be at work bench of each student
55.	Other:				
AUD	IT AND CONTINUOUS IMPROVEMENT		<u> </u>		
56.	There is a plan to conduct <u>regular inspections</u> of all control	\boxtimes			Ensure this COVID-19 Safety Plan is posted. Who will conduct these inspections and how
	measures and safety protocols to ensure they are in place.				often?
					Audit will be done by ATC OHS committee, on monthly bases.
57.	Audits of inspections are planned to ensure that control	\boxtimes			Who conduct the audits and how often? Audit will be done by ATC OHS committee, on monthly bases.
	measures continue to be effective.				Addit will be done by ATC OTS committee, on monthly bases.



All COVID-19	All COVID-19 risk control measures for this campus activity are in place.								
Manager	Name Sanja Boskovic	Position AD	Date August 17, 2020						
EOC	Name	Position	Date						