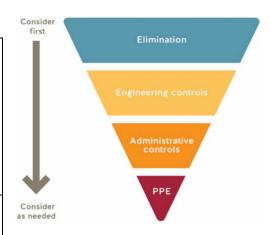


The BCIT COVID-19 Go-Forward Plan outlines the risk assessments, control measures, and the organizational process for our safe return to campus. All returning programs/courses must adhere to this process. Please refer to the <u>BCIT COVID-19 Go-Forward Plan</u> for additional information.

CONTACT INFORMATION

CONTACT IN ORMATION										
Course/Program Name:	Heavy Mechanical Trades apprenticeship									
	Heavy Duty Equipment Technician apprenticeship									
	Truck Transport Mechanic apprenticeship									
	Diesel Engine Mechanic apprenticeship									
	Transport Trailer Technician apprenticeship									
	Marine Mechanical apprentic	ceship								
	Heavy Mechanical Trades for	undation								
	Heavy Duty Truck technology	/								
Proportion of program	Approximately 50% of each apprentices		. •							
offered on campus:	assessments, as required by the industry training authority for program completion.									
Start date:	September 8 th 2020		End date:	May 31, 2021						
# of students:	Each intake has 16 students, l	however	# of employees:	Up to 15 employees						
	set sizes of only 4, 6 or 8 will I	be on		will be on site each day						
	campus at any given time. Ma	ax of 65								
	students on campus, dependi	ng on								
	scheduling.									
Completed by:	Name	Position		Date						
	Bruce Thompson	Departm		Sept 3, 2020						
	Joan Brander	Quality a		Sept 4, 2020						
	Steve Perry		Associate Dean Sept 4, 2020							
	Bruce Thompson, Lee		Dept. Heads Nov. 17, 2020							
	Achtemichuk, Yuko Musgrove	Admin. N	<mark>/lanager, AIC</mark>							



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					
AIC	1200	Student Cafeteria	8					
AIC	1300	Exam room	7					
AIC	1306	Exam room	9					
AIC	1330	Washroom	5					
AIC	1331	Washroom	5					
AIC	1500	East shop	30					
AIC	1510	Exam room	9					
AIC	1603	Training aid storage	1					
AIC	1630	Electrical lab	5					
AIC	1632	Tool crib	3					
AIC	1634	Pneumatic lab	5					
AIC	1636	Hydraulics lab	5					
AIC	1640	Machine shop	21					
AIC	1650	Engine run up lab	10					
AIC	1651	Washroom	1					
AIC	1653	Washroom	1					
AIC	1670	Engine dyno room	2					
AIC	1683	Component overhaul shop	30					
AIC	1812	Equipment storage	3					
AIC	1822	Welding shop	16					
AIC	1860	West shop	30					
AIC	1865	Washroom	1					
AIC	1866	Washroom	1					
AIC	1870	Battery shop	1					
AIC	1883	Marine workshop	7					
AIC	2630	Engine lab	1 (faculty teaching from)					
AIC	2635	Apprentice lab	4					
AIC	2636	Foundation lab	4					
AIC	2639	Apprentice lab	1 (faculty teaching from)					
AIC	2641	Air conditioning lab	5					
AIC	2645	Apprentice lab	1 faculty teaching from)					



AIC	2646	Room used for exams	9
AIC	2648	Test Centre for online exams	9
AIC	2655	Washroom	1
AIC	2699	Washroom	1
AIC	2688	Room used for exams	13
AIC	C131	Forklift training compound (outside)	7

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).

Students must access semi trucks, HD equipment, and specialized training aids in order to complete their practical assessments as required by the regulator (ITA). All activities which could be held online, have been moved to that environment. These students need to work with hand tools and specialized diagnostic equipment interfaced to trucks, equipment and engines, to practice a skill, and be assessed on competency. A high level of safety training is incorporated into each task, and needs to be evaluated appropriately. Only safety critical or program essential practical tasks will be conducted on campus. Note: all apprenticeship and foundation programs use the same labs, shops or rooms as part of their practical training. Efforts have been made to use the main shops as much as possible (space / airflow) however some rooms / labs must also be used with appropriate precautions in place. Scheduling capacity in each area is critical to ensure facility loading does not become an issue.

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 quidelines 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 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 <u>Risk</u> Assessment Controls Guidance and Hierarchy of Controls. For assistance email ssemohs@bcit.ca.

#	Control Measure	Yes	No	NA	Details (as per Directions)						
ELIM	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.				Exceptions allowed as per <u>BCIT COVID-19 Go-Forward Plan</u> , Risk Matrix Summary (explain): For rooms set with a 1 person capacity, these rooms have not been setup for multiple people to be in them. They are being used for delivery of virtual instruction only.						
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):						
3.	Identified area(s) where students wait outside of teaching space until allowed inside by instructor.				Room 2648 (test centre) will have students line up outside of the room, on clearly marked areas spaced 2M apart						
4.	Work has been scheduled to minimize numbers of individuals on campus at one time.				All BCIT classes are set at different schedules from those of VCC to minimize traffic during entry, breaks and exit times. Within the BCIT classes, we have also staggered their shifts, and have alternating weeks of 'on campus' activities to provide a reduction of actual participants on campus at any week.						
5.	In shared spaces/common areas, safety protocols have been put in place to reduce close contact between users.	\boxtimes									
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			Physically made inaccessible						
8.	Mobile fans have been removed or put out of service.			\boxtimes							
7.	Washrooms have been identified.	\boxtimes			Each Washroom on campus has a posted occupancy limit on their door. Ranges from 1-5						
8.	Break area(s) for student use have been identified.	\boxtimes			If yes, what control measures are in place to maintain physical distancing? Occupancy Limit 8. If there is an occupancy limit, is sign posted? Y \boxtimes N \square						
9.	Break areas for employee use have been identified.				If yes, what control measures are in place to maintain physical distancing? Occupancy Limit 9. If there is an occupancy limit, is sign posted? Y \boxtimes N \square						

SSEM, OHS Division COVID-19 Safety Plan Date: July 21, 2020 Page 4 of 9



#	Control Measure	Yes	No	NA	Details (as per Directions)
10.	Other: Scheduled rooms are disinfected daily.	\boxtimes			Cleaning requested by Program Assistant and or Manager.
ENG	INEERING CONTROL MEASURES				
11.	Barriers are implemented to separate work areas or walk ways, when physical distancing not practical.				Plexiglass barriers are in place, where distancing may be an issue to maintain. Faculty have plexi barriers affixed to rolling tool boxes to ensure a hard barrier is in place at all times during assessment periods.
12.	Barriers are stable and do not introduce other safety hazards, e.g. tripping.				
13.	The impact on ventilation requirements have been considered if there's been a significant use change for the instructional space.				Complete a <u>Facilities and Campus Development work requisition</u> for assessment, as needed.
	Other: Upgrading filtration HVAC units has been discussed with facilities at AIC.				Air filters are being changed quarterly with the best filters available for the current system. New filters were just installed throughout all units
SIGN	IAGE (ADMINISTRATIVE) Signage is available @ <u>BCIT onli</u>	<u>ne Inve</u>	ntory.	Guid	elines for posting signs are available on <u>ShareSpace</u> .
13.	Posted: Physical distancing (2 m) sign(s) Item 1A	\boxtimes			
14.	Posted: Hand washing sign(s) Item 29B	\boxtimes			
15.	Posted: Health screen sign(s) Item 3C	\boxtimes			
16.	Posted: Hand washing sink location sign(s) Item 14A				
17.	Posted: Hand sanitizing station location sign(s) Item 13A				
18.	Posted: Protect yourself sign(s) Item 21A				
19.	Posted: Occupancy limit of this room sign(s) Item 37A	\boxtimes			
20.	Posted: Other signs				Please list: Additional distancing signage on the floors, walls and on mobile "A' frames have all been put in place. VCC has added some of their own signage to the campus.
ORIE	ENTATION AND TRAINING (ADMINISTRATIVE)				
21.	Routine safety discussions held to review control measures and safety protocols.				Daily inspections by Department head, AD, or Admin Manager. Monthly operations meetings with VCC, monthly JOHS meetings held for this campus. Daily health self-assessment completed by all staff, faculty, and students prior to coming to the campus and are being recorded either by completion (quiz) or by email to Mgr.
22.	All students have completed the <u>online Pandemic Exposure</u> <u>Control Plan</u> training.				How will compliance be checked: Using D2L, all AIC students must complete the pandemic course prior to entry to campus. Faculty monitor this and re-inforce compliance prior to activity.

SSEM, OHS Division COVID-19 Safety Plan Date: July 21, 2020 Page 5 of 9



#	Control Measure	Yes	No	NA	Details (as per Directions)
23.	COVID-19 safety Site orientation for students has been	\boxtimes			Procedure for orientation found <u>here</u> .
	developed and posted in the Learning Hub.				Student COVID-19 Orientation Checklist found <u>here</u> .
24.	All employees have completed the online BCIT Pandemic	\boxtimes			Verified by AD prior to working on campus.
	Exposure Control Plan Training.				
25.	All employees have completed the online New Employee			\boxtimes	New and Returning Employee Orientation Checklist found <u>here</u> .
	Orientation module.				Each employee to save the checklist to their online New Employee Orientation course
26.	Other: Department meetings (zoom) to review protocols	\boxtimes			All staff and faculty meetings have been held to review and discuss campus operations
					and compliance to documentation.
RULI	ES AND GUIDELINES (ADMINISTRATIVE)				
27.	All unnecessary and self-serve items have been removed from	\boxtimes			All supplies asked for prior to class and stocked at each workspace.
	the spaces. e.g., pens, paper, etc.				
28.	Doors that students are to use to enter and exit have been	\boxtimes			Signs or arrows on the floor.
	clearly identified.				
29.	Handouts, papers, and items are not physically provided to	\boxtimes			If items are provided, they are cleaned between student use or disposed, or other control
	students.				measures are in place – Describe: Sanitize hands before and after handling items.
					Quarantine items for days before handling.
30.	Students have dedicated tools/equipment, e.g., items are not	\boxtimes			If tools need to be shared, they are disinfected between each use, by students.
	shared between students.				
31.	If cleaning common touch points or tools/equipment not	\boxtimes			Explain: Disinfecting stations (spray chemical and wipes) have been provided into each
	practical, then it is identified when hands are washed/sanitized				shop area. Student instructions are posted. Students clean equipment before and after
	before and after use.				each use. For shared hand tools, they go to the crib for sanitizing, then are re-issued.
32.	Work spaces/stations are dedicated for an individual or group	\boxtimes			Faculty are using labs to delivery instruction from (online). This reduces the need for any
	use and not shared with others.				faculty to use their assigned workspace cubicles). Currently the use of faculty cubicles is under review, with a proposed barrier system. For now, cubicles are not to be used
					under review, with a proposed barrier system. For now, cubicles are not to be used
33.	Single-use (disposable) products are used where feasible.				
34.	Measures are in place to accommodate student sick at home.	\boxtimes			Accommodation plan: Academic accommodation is made (alternate assignment and
34.	i vieasures are in place to accommodate student sick at nome.				assessment) for any student who cannot attend campus for any reason (diagnosed or
					suspected exposure, quarantine etc.).
35.	Procedures in place to screen students on a daily basis.	\boxtimes			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	\boxtimes			Refer to the <u>COVID-19 Pandemic Scenario Playbook</u> for more information. If the person is
30.	ill on campus.				reporting symptoms, ask them to avoid others and return home. If they require
					immediate medical attention, call First Aid and 911.
ı		1	1	1	

SSEM, OHS Division COVID-19 Safety Plan Date: July 21, 2020 Page 6 of 9



#	Control Measure	Yes	No	NA	Details (as per Directions)
37.	There are procedures in place if a student or employee travels	\boxtimes			Refer to the <u>COVID-19 Pandemic Scenario Playbook</u> for more information. Confirm if the
	before coming to campus, or has been in close contact with				person is aware of self-isolation <u>requirements</u> and <u>protocols</u> .
	someone who has tested positive for COVID-19.				
38.	Provisions made for students to maintain same lab/class cohort	\boxtimes			
	throughout the Term.				
39.	Other: Tools being signed out and returned to the tool room	\boxtimes			Disinfecting station is set up behind the tool room for tools to be dropped off.
	must be disinfected. All tools will be disinfected before entering				Tools signed out must be picked up by the front window. Tool room attendant will pass
	the tool room.				the tools through the door. Disinfect hands before and after handling tools.
PERS	SONAL PROTECTIVE EQUIPMENT (PPE)	1			
40.	Appropriate PPE for the hazards of employee and student tasks	\boxtimes			List the PPE and tasks/activities it is required for: face shields for any flying debris at drill
	are available to be provided (non-COVID-19 related PPE).				press or grinding stations. Sanitizer and instructions are provided. All other PPE is provided by the student.
					If student cannot provide COVID-19 PPE, the dept. will provide the PPE.
41.	Training is provided for the above PPE to students and	\boxtimes			y state in carmot provide covid 15 11 2) the dept. will provide the 11 2.
	employees.				
42.	Appropriate PPE for COVID-19 is available to be provided to	\boxtimes			Based on circumstances allowed for in the <u>BCIT COVID-19 Go-Forward Plan</u> , Risk
	students and employees. Supply requests emailed to				Assessment Matrix Summary.
	ppe@bcit.ca.				List PPE and tasks/activities required for: Masks (N95 and non-medical) are provided to
					faculty and staff if at risk of being within 2M of anyone. Individual face shields have also been provided to all, in case of closer contact with anyone. Many faculty are wearing a
					non-medical mask and a shield at all times with students. (all faculty and staff have been
					provided with masks and personal use face shields, which attach to a ball cap (also
					supplied). Messaging has been sent again to all AIC employees: strongly recommend the
					use of masks when in any common areas.
43.	PPE safe donning, doffing, disposal, and disinfecting instructional	\boxtimes			Post applicable signs in a visible location if ppe required.
45.	materials are available for students and employees.				Use the <u>Student Orientation checklist</u> to assist orientation/training by instructors.
	inaterials are available for students and employees.				Use the Employee Orientation checklist to assist orientation/training by their supervisors.
44.	Other:			\boxtimes	
' ''	- Curieri				
CLE	ANING	L			
45.	Facilities is aware of the cleaning needs for the area. Facilities	\boxtimes			Cleaning includes common touch points and appropriate frequency for the area. This
	work requests have been submitted.				includes high touch areas. Provide FCD work request number(s). Program assistant and
	·				admin manager provide work requests to AIC facility cleaners on an 'as needed' basis
					(when a room will be used as example). Numerous requests have been provided and will
					continue to use this method of communicating cleaning needs. Clorox 360 fogger is now available at AIC for room cleaning.
1		1		1	available at AlC for room cleaning.

SSEM, OHS Division COVID-19 Safety Plan Date: July 21, 2020 Page 7 of 9



#	Control Measure	Yes	No	NA	Details (as per Directions)				
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 <a example.com="" here"="" href="https://www.new.new.new.new.new.new.new.new.new.</td></tr><tr><td>47.</td><td>Assessment of sufficient number of hand wash stations conducted, and an appropriate number of handwashing stations are available</td><td></td><td></td><td></td><td>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.</td></tr><tr><td>48.</td><td>Handwashing station(s), stocked, easily accessed, and have been identified to students and employees.</td><td><math>\boxtimes</math></td><td></td><td></td><td>Sink Location: located in each shop area adjacent to work areas. Stocked with soap Y <math>\boxtimes</math> N <math>\square</math> paper towel Y <math>\boxtimes</math> N <math>\square</math></td></tr><tr><td>49.</td><td>Hand sanitizing station(s), stocked, and have been identified to students and employees.</td><td></td><td></td><td></td><td>ABHS (Alcohol-Based Hand Sanitizer): Location(s) There are over 12 stations located in high traffic areas of AIC. Will hand sanitizer be refilled by department: Y □ N ☒ If No, describe: AIC (VCC) Facilities is maintaining this stock level</td></tr><tr><td>50.</td><td>All Safety Data Sheets (SDS) and cleaning procedures used are found here .	\boxtimes			If not, describe:
51.	The area(s) have been decluttered so that cleaning is simplified.	\boxtimes							
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. Barriers in the shop are cleaned by students after each class using Spray Nine.				
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): Students clean all tools and equipment before and after use, following the posted procedures, using the supplied sanitizer and wipes.				
54.	Storage space for personal articles have been identified and are cleaned regularly.	\boxtimes			Who will clean: Faculty ad staff must clean their own work areas, where personal articles have been stored / hung each day. Where is the storage: faculty are using a lab as their workstation.				
55.	Other:								



#	Control Measure	Yes	No	NA	Details (as per Directions)
AUD	IT AND CONTINUOUS IMPROVEMENT				
56.	There is a plan to conduct <u>regular inspections</u> of all control measures and safety protocols to ensure they are in place.				Ensure this COVID-19 Safety Plan is posted. Who will conduct these inspections and how often? Associate Dean and Admin manager on a daily basis, with weekly discussions with department heads.
57.	Audits of inspections are planned to ensure that control measures continue to be effective.				Who conduct the audits and how often? Monthly audits will be held and retained at a local level. Informal daily audits ensure regular compliance and education occurs when something is non complaint.

APPROVAL

All COVID-19	All COVID-19 risk control measures for this campus activity are in place.									
	Name	Position	Date							
Manager	Steve Perry	Associate Dean	November 18, 2020							
	Name	Position	Date							
EOC	Glen Magel	EOC Director	November 29, 2020							

SSEM, OHS Division COVID-19 Safety Plan Date: July 21, 2020 Page 9 of 9