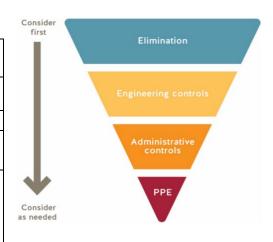


The BCIT COVID-19 Go-Forward Plan outlines the risk assessments, control measures, and the organizational process for our safe return to campus. All returning programs/courses must adhere to this process. Please refer to the <u>BCIT COVID-19 Go-Forward Plan</u> for additional information.

### **CONTACT INFORMATION**

Course/Program Name:	BMC-142 and sub-rooms for ME and upgrader programs							
Proportion of program offered on campus:	e.g., Program = total of 40 courses of w	hich 7 courses	s have some 'on camp	us' activity				
Start date:	Ongoing		End date:	<b>Ongoing</b>				
# of students:	6		# of employees:	2 (1 Faculty and 1 Simulator Technician)				
Completed by:	Name Emily Lacanilao Serhat Beyenir Sanjeev Sarwal Vadim Mikhailov Eamon Hayden Carl Marquardt Greg Sutton Marc Soer	Departme Faculty Faculty Faculty Departme Simulator		Date November 9, 2020				
Replaces RTC #:	86							



### **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.

NOTE: Common areas are covered by the Berr Covid 13 do Forward Flam									
Campus/ Building Room Num		Type of Space	Capacity						
campas/ banang	Floor Plans found <u>here</u>	Include washrooms and breakout rooms	Current capacity due to COVID-19						
BMC	BMC-142A, B	Classroom	Max occupancy 8 people						
BMC	BMC-142C,D,E,F	Simulator Labs	1 person without PPE; 2 people with PPE						
BMC	BMC-142G	Faculty room & TC Examiner room	1 person without PPE; 2 people with PPE						
BMC	BMC-142	Storage	1 person						
BMC	BMC-133	Faculty Office	1 person						



BMC	BMC-136	Faculty Office	1 person
BMC	BMC-139	Faculty Office	1 person
BMC	BMC-111	Washroom	1 person
BMC	BMC-112	Washroom	1 person
BMC	BMC-113	Washroom	1 person
BMC	BMC-117	Washroom	1 person

#### 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 to update existing COVID-19 Safety Plans reference RTC #81 into a go-forward plan. PPS provides hands-on training with the use of simulator equipment. It is not feasible to deliver the course online.

### **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  $\underline{BCIT\ COVID-19\ Go-Forward\ Plan}$  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.
- 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 <a href="mailto:returntocampus@bcit.ca">returntocampus@bcit.ca</a> 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)
ELIN	IINATION				
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 BCIT COVID-19 Go-Forward Plan, Risk Matrix Summary: Classrooms set up allows physical distancing of 2 meters and will be priority when students are performing practical component of the course. Exception: in rare cases that a physical distance cannot be maintained, and all other options are exhausted, faculty and students will use PPE (face mask and face shield) and immediate hand washing/sanitizing after close contact will be mandated. WorkSafe infographic placed next to the PPE provides proper use of face mask.  BMC-142A  BMC-142B

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#	Control Measure	Yes	No	NA	Details (as per Directions)
2.	Demonstration, work and assessment stations are set-up to allow for 2 metres physical distancing.				Work stations not in use is blocked of with yellow caution tape. For simulator technician support, faculty or student should leave the station for assessment. The simulator technician should wash/sanitize their hands immediately prior to and touching the equipment.
3.	Identified area(s) where students wait outside of teaching space until allowed inside by instructor.	$\boxtimes$			Students line up in the waiting area outside of the class, as marked on the floor in the hallway, and follow instructions from faculty.
4.	Work has been scheduled to minimize numbers of individuals on campus at one time.	$\boxtimes$			Only 6 students and 1 instructor allowed in the classroom at a time. Schedule one group per day. If more than one group is scheduled in one day, additional sanitizing is arranged between groups.
5.	In shared spaces, safety protocols have been put in place to reduce close contact between users.	$\boxtimes$			Sanitize hands before and immediately after touching the control panel buttons in the Simulator labs 142C, 142D, 142E, 142F. Disinfectant wipes provided for students to wipe down headsets before and after each use.

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#	Control Measure	Yes	No	NA	Details (as per Directions)
6.	Movement within the room is identified, such as with directional	$\boxtimes$			Signs and arrows on the floor identifying walking directions. X is marked so that people
	arrows, for walkways and entrances/exits.				entering and exiting a room can see if there is anyone else approaching to avoid collision.
7.	Water fountains are put out of service, and only touchless water	$\boxtimes$			
	bottle filling station available.				
8.	Mobile fans have been removed or put out of service.				
7.	Washrooms have been identified.	$\boxtimes$			If yes, Washroom occupancy limit <u>1 per washroom</u>
8.	Break area(s) for student use have been identified.			$\boxtimes$	No break area at this point. Students are encouraged to vacate the classroom and go outside of the campus during breaks. No food or drink in classroom at any time.
9.	Break areas for employee use have been identified.	$\boxtimes$			Staff to take breaks off campus or use approved offices/common areas.
10.	Other:			$\boxtimes$	
FNIC	INTERING CONTROL MEACURES				
	INEERING CONTROL MEASURES				
11.	<u>Barriers</u> are implemented to separate work areas or walk ways,			$\boxtimes$	Barriers not required. The classroom set up allows for 2 m physical distancing during
	when physical distancing not practical.				instruction for all 6 students and 1 instructor. Each student assigned to an individual work desk/station in 142A and 142B for orientation, instruction, and debriefing. Only 1 student
					will be in the simulator labs at a time.
12.	Barriers are stable and do not introduce other safety hazards,			$\boxtimes$	No barriers
	e.g. tripping.				
13.	The impact on ventilation requirements have been considered if	$\boxtimes$			Complete a <u>Facilities and Campus Development work requisition</u> for assessment, as
	there's been a significant use change for the instructional space.				needed.
	Other:			$\boxtimes$	There is no significant use change for the instructional space
	other.				
SIGN	IAGE (ADMINISTRATIVE) Signage is available @ <u>BCIT onlin</u>	ne Inve	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	$\boxtimes$			At main entrance by parking lot
16.	Posted: Hand washing sink location sign(s) Item 14A	$\boxtimes$			
17.	Posted: Hand sanitizing station location sign(s) Item 13A	$\boxtimes$			
18.	Posted: Protect yourself sign(s) Item 21A	$\boxtimes$			
19.	Posted: Occupancy limit of this room sign(s) Item 37A	$\boxtimes$			
20.	Posted: Other signs			$\boxtimes$	Please list:

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#	Control Measure	Yes	No	NA	Details (as per Directions)
ORIE	ENTATION AND TRAINING (ADMINISTRATIVE)				
21.	Routine safety discussions held to review control measures and	$\boxtimes$			
	safety protocols.				
22.	All students have completed the online COVID-19 Pandemic On-	$\boxtimes$			All students will send certificate of course completion to the BMC Program Assistants.
	<u>Campus Guidelines</u> training.				PAs will update Faculty with the status on the course completion. On the first day of the course, Faculty will require students who missed sending the confirmation to provide the
					certificate or complete the course prior to entering the classroom.
23.	COVID-19 safety Site orientation for students has been	$\boxtimes$			Procedure for orientation found here.
	developed and posted in the Learning Hub.				Student COVID-19 Orientation Checklist found <u>here</u> .
					Instructors will conduct the orientation onsite before class starts, scan a copy of the
					completed checklist to the Department Head, post it in the classroom and discard after course ends.
24.	All employees have completed the online BCIT Pandemic	$\boxtimes$			Course erius.
	Exposure Control Plan Training.				
25.	All employees have completed the online New Employee	$\boxtimes$			New and Returning Employee Orientation Checklist found here.
	Orientation module.				Each employee to save the checklist to their online New Employee Orientation course
26.	Other:			$\boxtimes$	
D	COAND CHURCHING (ADMINISTRATIVE)				
	ES AND GUIDELINES (ADMINISTRATIVE)				
27.	All unnecessary and self-serve items have been removed from		Ш		All supplies asked for prior to class and stocked at each workspace
20	the spaces. e.g., pens, paper, etc.				Cinns or arrange on the floor Keen entrance door to DNC 142 and sub-record non-to-limit
28.	Doors that students are to use to enter and exit have been clearly identified.	$\boxtimes$			Signs or arrows on the floor. Keep entrance door to BMC-142 and sub-rooms open to limit the number of frequently touched surfaces.
29.	Handouts, papers, and items are not physically provided to				If items are provided, they are cleaned between student use or disposed. The instructor
23.	students.				will sanitize their hands and distribute required materials to each work desk/station, prior
	students.				to students entering the classroom.
30.	Students have dedicated tools/equipment, e.g., items are not	$\boxtimes$			Disinfectant wipes provided for students to wipe down shared tools/equipment i.e.
	shared between students.				headsets, after each use.
31.	If cleaning common touch points or tools/equipment not	$\boxtimes$			Best custodial is required to clean and sanitize equipment/surfaces (e.g. work station,
	practical, then it is identified when hands are washed/sanitized				control panels, keyboard, mouse, trackpads in Full Mission, headsets, marked control
	before and after use.				panel buttons) after each class and before the next class. Cleaning & disinfecting products should be chosen out of approved and listed on the <u>Health Canada</u> website.
					Hand sanitizers provided to disinfect hands before and after touching equipment.
32.	Work spaces/stations are dedicated for an individual or group	$\boxtimes$			Each student assigned an individual work desk/station. Labs has an occupancy limit of 1
	use and not shared with others.				person or 2 with PPE (face mask and face shield) in rare occasion where physical
					distancing is not practical.
33.	Single-use (disposable) products are used where feasible.	$\boxtimes$			

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#	Control Measure	Yes	No	NA	Details (as per Directions)
34.	Measures are in place to accommodate student sick at home.	$\boxtimes$			Accommodation plan: student contacts Faculty via email or phone to accommodate the course make up.
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.  Faculty to remind student during class to self-screen daily. Admin Manager receives a daily e-mail from all staff coming to campus to confirm they have self-screened.
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> .
38.	Provisions made for students to maintain same lab/class cohort throughout the Term.	$\boxtimes$			
39.	Other:			$\boxtimes$	
PERS	SONAL PROTECTIVE EQUIPMENT (PPE). Refer to the PPE F	lowcha	<u>rt</u> to d	eterm	ine 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).			$\boxtimes$	No hazardous materials related to course.
41.	Training is provided for the above PPE to students and employees.			$\boxtimes$	
42.	Appropriate PPE for COVID-19 is available to be provided to students and employees. Supply requests emailed to ppe@bcit.ca.				Based on circumstances allowed for in the <u>BCIT COVID-19 Go-Forward Plan</u> , Risk Assessment Matrix Summary.  2 metre physical distancing is the primary control measure. In rare cases where 2m distancing is not practical, PPE required:  1x Gloves – Size M, 1x Gloves – Size L, 1x Disinfectant Wipes canister of 60, 1x alcohol wipes for sensitive electronics, 2x Hand Sanitizer 500 ml bottle, 1x Disposable Masks box of 50, 1x Face Shields pack of 10.
43.	PPE safe donning, doffing, disposal, and disinfecting instructional materials are available for students and employees.				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:				
CLFA	ANING				

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#	Control Measure	Yes	No	NA	Details (as per Directions)		
45.	Facilities is aware of the cleaning needs for the area. Facilities work requests have been submitted.				Communication tool for cleaning is posted on the door of the class. Cleaning includes common touch points and appropriate frequency for the area. This includes high touch areas.  BMC-		
					Course/Program		
					Instructor's name		
					Number of students		
					Disinfection required before 8:30 am & after 4:00 pm		
					00/00/20 (initials)		
					00/00/20 (initials)		
					00/00/20 (initials) 00/00/20 (initials)		
					00/00/20 (initials) 00/00/20 (initials)		
					00/00/20 (mitus)		
					Required washroom		
46.	Training will be provided to faculty and students performing cleaning duties and cleaning materials have been provided.			$\boxtimes$	Best custodial to perform cleaning duties before and after class. Refer to item 31.		
47.	Assessment of sufficient number of hand wash stations	$\boxtimes$			Consider time it will take for hand washing to take place, to determine what is e.a.		
.,,	conducted, and an appropriate number of handwashing stations are available	<u> </u>			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.		
48.	Handwashing station(s), stocked, easily accessed, and have been	$\boxtimes$			Sink Location: <u>BMC-111, BMC-112, BMC-113, BMC-117</u>		
	identified to students and employees.				Stocked with soap Y $oxtimes$ N $oxtimes$ paper towel Y $oxtimes$ N $oxtimes$		
49.	Hand sanitizing station(s), stocked, and have been identified to	$\boxtimes$			ABHS (Alcohol-Based Hand Sanitizer): Location(s) <u>BMC-142</u>		
	students and employees.				Will hand sanitizer be refilled by department: Y $oxtimes$ N $oxtimes$		
					If No, describe:		
50.	All Safety Data Sheets (SDS) and cleaning procedures used are found <a href="https://example.com/here">here</a> .	$\boxtimes$			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.			$\boxtimes$	Barriers can become contaminated if they are a touch point or if they are contaminated with droplets by e.g. coughing or sneezing.		
53.	Common touch points and tools/equipment that must be shared are identified and cleaned between students and classes.	$\boxtimes$			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):		

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#	Control Measure	Yes	No	NA	Details (as per Directions)
					Best custodial perform cleaning duties after class but before the next class. Refer to item
					31. Students wipe off touch points after exercise in Full Mission.
					Students sanitize their hands before and after the exercise in Full Mission.
54.	Storage space for personal articles have been identified and are cleaned regularly.				Lockers will not be provided to students. Faculty can store personal articles in their offices and submit a facilities work order for cleaning.
55.	Other:			$\boxtimes$	
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.	$\boxtimes$			Ensure this COVID-19 Safety Plan is posted. BMC management, faculty, and support staff will conduct these inspections once a week.
57.	Audits of inspections are planned to ensure that control measures continue to be effective.	$\boxtimes$			BMC JOH&S Communitee to conduct the audits periodically.

### **APPROVAL**

All COVID-19	All COVID-19 risk control measures for this campus activity are in place.								
Manager	Name	Position	Date						
	Emily Lacanilao	Administrative Manager	November 9, 2020						
EOC	Name	Position	Date						
	Glen Magel	EOC Director	December 3, 2020						