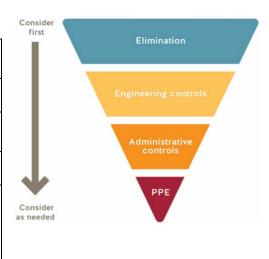


The BCIT COVID-19 Go-Forward Plan outlines the risk assessments, control measures, and the organizational process for our safe return to campus. All returning programs/courses must adhere to this process. Please refer to the <u>BCIT COVID-19 Go-Forward Plan</u> for additional information.

CONTACT INFORMATION

Course/Program Name:	Medical Radiography Program								
Proportion of program offered on campus:	e.g., Program = total of 40 courses of which 7 courses have some 'on campus' activity 32 courses in program, of which 3 have on-campus components in level 1. Future terms TBD.								
Start date:	August 31, 2020		End date:	December 31, 2020					
# of students:	64		# of employees:	19					
Completed by:	Name Denise Poelzer Corlea Smit	Position Program Clinical C	Head oordinator	Date July 25, 2020 September 22, 2020 (edit)					



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
SW01	4035/4040	X-ray rooms (8), debrief space (1)	Full capacity if wearing PPE: 16 students + 8 instructors (usually has 20 students + 4 instructors)
SW01		Washrooms	1 at a time per washroom (2 washrooms available – male and female) (usually has unlimited access)
SE12	417 A/B	Labs	4 students + 1 instructor per room (total of 8 students + 2 instructors)



			** Waiting to hear from nursing lab tech whether these numbers may increase for Fall term. (usually has capacity for 20 students + 2 instructors per room) **417 A/B will have 16 students to 2 instructors. 8:1 for each room for a two hour lab. There will be two students at each stretcher wearing PPE. Students will require the same PPE that they wear in SW01 4035/40 in the x-ray positioning rooms. They will wear face shields, masks and gloves to preform tasks and skills together. When practicing skills such as "patient" transfers they will require disposable isolation gowns due to the peer to peer contact.
SE12	412 A/B	SIM Labs (Sept 28 & Oct 2, Oct 28 & 30, Nov 18 & 20)	Capacity of 11 in each lab. Eight students to two instructors, includes "voice".
SE12	413 A, B & C	ECG SIM Labs (Oct 21 & 23)	Capacity of 10 in each lab. Eight students to two instructors, includes "voice".
TBD – Computer labs (see below) SE06	106		Will be booked with timetabling when plan is approved 16 – This lab will be set up by JB as a general use computer lab. This lab will follow the same safety protocol as the adjacent test centres RTC #110

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).

- 1: X-ray positioning practice requires that students find physical landmarks on a human body in order to take an image of the appropriate area this cannot be learned without physical practice. As much as possible, lab prep will be done on videos to limit the amount of time students need to practice in person, and Shaderware software will be used to allow students to practice the visual components remotely.
- 2: Lastly, patient care requires that students practice how to move patients physically and accommodate for various support devices this must be done with another person in order to practice safely when they get to the hospital in their second term. Some assignments and practice items will be done from home via video submissions.
- 3. SIM labs: Scenarios are enacted so students experience uncomfortable or critical situations in a safe environment prior to experiencing them in the hospital. Simulates a real life experience. Videos do not provide the same experience or student engagement. (see dates above)
- 4. Computer labs required for Mrad 1219 to accommodate 16 students and one instructor in each room for December 4, 2020 for face to face lab (consolidation) final exam. Four times slots required, one for each set:

8:30-10:20

10:30-12:20

1:30-3:20

3:30-5:20

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 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> <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 BCIT COVID-19 Go-Forward Plan, Risk Matrix Summary (explain): SW1 4035/4040 (8 x-ray rooms): Physical distancing is not possible due to required hands on practice. Requires PPE. Two students to one instructor. SE12 417 A/B: 8:1 in each room, wearing PPE due to the nature of skills practice and assessment SIM labs: SE12 412 A/B and SE12 413 A/B/C: 16:3 student to instructor ratio with an additional instructor to be the "voice". Due to nature of scenarios PPE will have to be worn by students. Instructors will wear PPE if they cannot maintain the 2m physical distancing.
2.	Demonstration, work and assessment stations are set-up to allow for 2 metres physical distancing.				Exception allowed as per BCIT COVID-19 Go-Forward Plan, Risk Matrix Summary (explain): Demonstrations will be available in video format prior to the lab. Students will be required to view videos and complete an online quiz prior to attending lab. This will decrease the amount of time required for the lab and decrease the amount of contact time. One instructor per room so that they are not crossing from one room to another. Assessment in x-ray rooms will require physical contact and therefore PPE will required. SIM labs: students and instructors wearing PPE, instructor providing the "voice" will be 2 m away or will be wearing PPE if required to be part of the scenario.
3.	Identified area(s) where students wait outside of teaching space until allowed inside by instructor.				Students instructed not to arrive early or congregate between classes and to leave as soon as labs are finished, tape has been placed on the floor outside of the labs identifying 2m distance in case of a delay entering the lab during the first week, September 1 st and 2nd. For positioning labs, students will be assigned to a specific x-ray rooms and from week two on they can enter the lab and go straight to their assigned rooms to don PPE. Instructor will be available in lab prior to lab starting to make sure the task is done correctly.



#	Control Measure	Yes	No	NA	Details (as per Directions)
					SIM labs: schedules have been coordinated so that there will not be any
					congestion in the hallway or lab.
4.	Work has been scheduled to minimize numbers of individuals on	\boxtimes			Schedule is attached. Minimize the number of days students are on campus.
	campus at one time.				Each set either comes on campus for the morning or afternoon and only in one
					area. Wednesday is the only day where one set has a four lab in the morning in
					SW01 4035/40, a one hour lunch and then a two hour lab in SE12 417 A/B.
					Require a space for 16 students to have lunch. Eliminates cross over of sets in
					SW01 and SE12.
					SIM labs: schedule follows regular Mrad 1210 lab allocations
5.	In shared spaces, safety protocols have been put in place to	\boxtimes			Tape on floor, educational posters, online resources, video pre-brief and
	reduce close contact between users.				debrief, online assignments, etc.
					PPE will be used when this is not possible
					SIM labs: as above, scenarios are create to simulate situations students will
					experience in the hospital
6.	Movement within the room is identified, such as with directional	\boxtimes			Signs or arrows on the floor identifying directions.
	arrows, for walkways and entrances/exits.				Tape and posters as above. SIM labs: as above
7.	Water fountains are put out of service, and only touchless water	\boxtimes			I believe this is being taken care off by facilities. Cover and tape off water fountain.
/.	bottle filling station available.				Completed.
8.	Mobile fans have been removed or put out of service.	\boxtimes			Removed
0.	Widdle falls have been removed of put out of service.				The moved
7.	Washrooms have been identified.	\boxtimes			If yes, Washroom occupancy limit 2 persons at a time, as per risk assessment
8.	Break area(s) for student use have been identified.	\boxtimes			If yes, what control measures are in place to maintain physical distancing? Room capacity has been identified as 10 in each room. Set has 16 students. SW01 2005
					and 2009
					Occupancy Limit 10 If there is an occupancy limit, is sign posted? Y \boxtimes N \square
9.	Break areas for employee use have been identified.			\boxtimes	If yes, what control measures are in place to maintain physical distancing?
					Will be covered in a separate Administrative Space office Safety Plan.
					Occupancy Limit If there is an occupancy limit, is sign posted? Y \square N \square
10.	Other:	\boxtimes			Bins of bones usually used for practice will be stored out of use. Textbooks and bone
					models also stored away. Students will be required to purchase their own disarticulated skeleton for online classes.
					Not to be brought to campus.
					No paper is to be passed in the positioning labs SW01 4035/40. Students advised to bring
					devices for note taking. They can either be wrapped in plastic wrap or put in a zip lock
					bag which we will make available.
					Students encouraged to buy online textbooks rather than physical books.
1		1	I		Majority of tables and all chairs removed from SW01-4035 to discourage congregating.



#	Control Measure	Yes	No	NA	Details (as per Directions)
					Benches and tables in hallways removed or taped off to discourage congregating.
ENG	INEERING CONTROL MEASURES				
11.	<u>Barriers</u> are implemented to separate work areas or walk ways, when physical distancing not practical.			\boxtimes	Barriers are not possible in positioning lab. PPE must be worn by both the student and the instructor SIM labs: same as above
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:				
SIGN	IAGE (ADMINISTRATIVE) Signage is available @ <u>BCIT onlii</u>	<u>ne Inve</u>	ntory.	Guid	
13.	Posted: Physical distancing (2 m) sign(s) Item 1A	\boxtimes			Where required
14.	Posted: Hand washing sign(s) Item 29B	\boxtimes			In the positioning lab and at the sink SIM labs: same as above
15.	Posted: Health screen sign(s) Item 3C	\boxtimes			In all labs, on door of labs
16.	Posted: Hand washing sink location sign(s) Item 14A	\boxtimes			
17.	Posted: Hand sanitizing station location sign(s) Item 13A			\boxtimes	Hand sanitizer is available in every positioning room and in the main lab area SIM labs: available at each bedside and at main entrance/exit
18.	Posted: Protect yourself sign(s) Item 21A	\boxtimes			
19.	Posted: Occupancy limit of this room sign(s) Item 37A	\boxtimes			I understand these are being posted by the facilities in common areas.
20.	Posted: Other signs				Please list: Health Authority poster: 4 moments of hand hygiene (posted in x-ray rooms and by sinks)
ORIE	NTATION AND TRAINING (ADMINISTRATIVE)				
21.	Routine safety discussions held to review control measures and safety protocols.				Instructors will be meeting the week before classes to review all the required control measures. Students will received communication from program providing them with information for the videos pertaining to lab orientations. Students will be directed to come to SW01 4035/40. They will enter the lab wearing personal masks and be given a disposable mask. They will go to their assigned positioning room and will be met by the instructor assigned to the room. Once both students have arrived the instructor will confirm that the PPE is donned correctly. Doffing will also be supervised at the end of lab prior to exiting. SIM labs: same as above



#	Control Measure	Yes	No	NA	Details (as per Directions)
22.	All students have completed the online Pandemic Exposure	\boxtimes			How will compliance be checked:
	Control Plan training.				Students emailed 'proof of completion' badge to the program head.
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			PH collected proof of completion
	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:			\boxtimes	
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.				Instructors are required to bring devices to the positioning labs to complete
					marking on D2L/CompTracker in order to eliminate weekly paper evaluations.
					Purchase 8 tablets for lab (may not be possible due to budget constraints.
					Alternative: Instructors advised to bring their devices to lab and place in a zip
					lock bag or wrapped in plastic wrap if they bring their lap tops so they can easily
					be cleaned.
28.	Doors that students are to use to enter and exit have been			\boxtimes	Signs or arrows on the floor
	clearly identified.				All x-ray labs only have one door. Students will all have to enter in an orderly fashion and
					exit the same. Tape on floor to show direction of flow.
29.	Handouts, papers, and items are not physically provided to	\boxtimes			SIM labs: same as above If items are provided, they are cleaned between student use or disposed, or other control
29.	students.				measures are in place – Describe:
	students.				See above – evaluation forms and assessments to be completed on CompTracker.
					Whiteboards to be used for notes during teaching to eliminate paper in x-ray labs. Will
					order 8 white boards from Staples. Each instructor will bring their own dry erase marker.
					If required Instructions will be laminated or placed in sheet protectors and taped to wall.
					Handouts will not be given to students.
30.	Students have dedicated tools/equipment, e.g., items are not	\boxtimes			See above: students to purchase disarticulated skeleton. Lab assessments do not require
	shared between students.				any physical paper/pens. Any notes or drawings (we are very visual) drawn by the instructor on the white board if available for the student to take a photo of on their
					device. Devices can be put in a zip lock bag which will allow for course access on the
					Learning Hub and photos to be taken where permitted. Zip lock protects the phone from
					being contaminated and allows for easy cleaning at the end of lab. Use disinfectant
					wipes.
					SIM labs: same as above



#	Control Measure	Yes	No	NA	Details (as per Directions)			
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: All touch points will be cleaned often. Purchase keyboard covers to make cleaning easier. If covers are not available, plastic wrap can be placed over computer lab keyboard and mouse and changed out/cleaned between individual uses. Positioning sponges will be wrapped in plastic as well, and cleaned between individual uses. SIM labs: same as above			
32.	Work spaces/stations are dedicated for an individual or group use and not shared with others.				All work stations and x-ray equipment will be cleaned by student group using the room. Cleaned between groups. Supervised by instructor. Friday two instructors with do a full clean of the labs and reset for the next week. SIM labs: all common touch points will be wiped down between students under direct supervision of student.			
33.	Single-use (disposable) products are used where feasible.				We do not use single-use items, so cleaning or having students purchase their own as described above. SIM labs: disposable products used if required for SIM scenario otherwise common touch points will be wiped down.			
34.	Measures are in place to accommodate student sick at home.				Accommodation plan: Students will be directed to make an appointment with the instructor to make up missed lab time or for extra support if required. Appointments will be booked on days when labs are available SIM labs: a modified experience will be created if any students are sick at home.			
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. Posters will be posted on all lab and office doors SIM labs: Instructors meet student at lab doors and verbally check to make sure students have completed the self assessment of the Safety Wise App			
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. Information will be made available to all staff. SIM labs: same as above			
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> . Do not come to campus and self isolate. SIM labs: same as above			
38.	Provisions made for students to maintain same lab/class cohort throughout the Term.				Schedule has been changed to ensure limited cross over between sets in the halls There will not be any combining of sets for labs. Groups of 16. SIM labs: same schedule as Mrad 1210			
39.	Other:			\boxtimes				
PERS	ERSONAL PROTECTIVE EQUIPMENT (PPE)							

SSEM, OHS Division

COVID-19 Safety Plan Date: August 11, 2020



#	Control Measure	Yes	No	NA	Details (as per Directions)
40.	Appropriate PPE for the hazards of employee and student tasks are available to be provided (non-COVID-19 related ppe).				List the ppe and tasks/activities it is required for: Gloves required for peer to peer contact and common touch points on imaging equipment during positioning. Also keyboard and mouse use during image critique in computer labs. Disposable masks and face shields for close contact during positioning and image critique. Disposable gowns required for contact when position thorax, abdomen and pelvis. Disposable sheets to cover x-ray table and pillows At this time we only have: Reusable gowns available for regular practice. Masks are usually only used if someone (instructor or student) demonstrates minor cold symptoms (coughing, sneezing). SIM labs: all PPE is available for students and instructors and will be worn when appropriate.
41.	Training is provided for the above PPE to students and employees.				Video orientation training as well as being part of course curriculum for further practice in profession. All instructors work or have worked in industry and are aware of donning and doffing procedures. SIM labs: same as above
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 BCIT COVID-19 Go-Forward Plan, Risk Assessment Matrix Summary. List PPE and tasks/activities required for: Request sent to Ops Manager and Associate Director for required PPE (disposable gowns, disposable sheets, gloves, masks, shields – for x-ray lab as well as computer lab and patient care rooms). Requirements for the term: 1. Masks: 77 boxes of 50 2. Shields: 84 (64 students +20 instructors) 2 cases of 48 3. Gloves: 100 boxes 4. Disposable gowns: 300 boxes 5. Disposable sheets: 4500 ft (how many feet/roll) for x-ray tables SIM labs: same as above
43.	PPE safe <u>donning</u> , <u>doffing</u> , <u>disposal</u> , <u>and disinfecting instructional</u> 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. Donning and doffing videos will be available to students prior to coming on to campus to attend labs. They will be directed to watch the videos provided and student checklists will be completed before day one. On first lab day of week one, instructors will be available to do a demonstration of donning PPE prior to entering lab and at the end of lab for correct PPE removal. Week one for our program is August 31st, there should be minimum people around from other programs in hallway. SIM labs: students will be provided with the appropriate PPE for each scenario if required



SSEM, OHS Division

#	Control Measure	Yes	No	NA	Details (as per Directions)
44.	Other:				
CLE	ANING				
45.	Facilities is aware of the cleaning needs for the area. Facilities work requests have been submitted.				Cleaning includes common touch points and appropriate frequency for the area. This includes high touch areas. Provide FCD work request number(s). Work requests to facilities regarding x-ray rooms have been submitted. The program specific x-ray equipment will be cleaned by the students after each use and at the end of the week by the instructors. Facilities work request: 1449658
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



#	Control Measure	Yes	No	NA	Details (as per Directions)
					lab to demonstrate hand washing by using the hand sanitizer. We also teach the 4 moments of hand hygiene promoted by the Imaging departments in the Health Authorities. Sim labs: same as above
50.	All Safety Data Sheets (SDS) and cleaning procedures used are	\boxtimes			If not, describe:
50.	found here.				Kept in the main lab area.
	Tourid <u>incre.</u>				Sim labs: same as above
51.	The area(s) have been decluttered so that cleaning is simplified.				Tables and chairs will be removed from main lab area. Request to facilities. Bench seating in hallways will be placed one on top of the other and taped off. Microwave and table have been removed from hallway outside of SW1 4056. SIM labs: the area has been decluttered
52.	Barrier cleaning process has been arranged if the barrier(s) could			\boxtimes	Barriers can become contaminate if they are a touch point or if the contaminated with
	become contaminated.				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.	×			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, under the supervision of the instructors will be cleaning and disinfecting common touch points after each student finishes their required tasks, at the each lab. Fridays have been set aside for students requiring extra support or who may have missed a lab to book an appointment with the lab instructor. Also for lab assessments 4 times in the term. Students will be required to make appointments for these as well. Two instructors will clean lab again on Fridays and reset for the following week. SIM labs: Students will wipe all common touch points after they are finished in SIM lab under the supervision of the instructors
54.	Storage space for personal articles have been identified and are	\boxtimes			Who will clean:
	cleaned regularly.				Students and instructors after each lab and on Fridays. Where is the storage:
					I understand lockers will not be available. Shelf space has been set aside in the
					positioning room.
55.	Other:				
AUD	IT AND CONTINUOUS IMPROVEMENT				
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? The lead lab instructors (Ray, Francine) will be responsible to ensure that the Safety plan
					is posted and that all control measures and safety protocols are adhered to. Weekly sign
					off for once per week.
					Sim labs: same as above



#	Control Measure	Yes	No	NA	Details (as per Directions)
57.	Audits of inspections are planned to ensure that control measures continue to be effective.	\boxtimes			Who conduct the audits and how often? PH or Designate to conduct audit once a month. Sim labs: same as above

APPROVAL

All COVID-19 risk control measures for this campus activity are in place.			
	Name	Position	Date
Manager	Dlaudy)	Associate Dean	September 23, 2020
EOC	Name Glen Magel	Position EOC Director	Date September 26, 2020
	, ,		