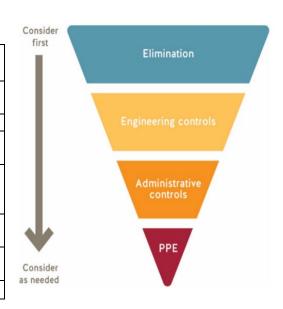


The BCIT COVID-19 Go-Forward Plan outlines the risk assessments, control measures, and the organizational process for our safe return to campus. All returning programs/courses must adhere to this process. Please refer to the BCIT COVID-19 Go-Forward Plan for additional information.

CONTACT INFORMATION

Course/Program Name:	AST Apprenticeship, MPET Apprenticeship, GM ASEP Apprenticeship, Canadian Tire AST Apprenticeship, MPET Foundation						
Proportion of program offered on campus:	2 – 3 weeks depending on program.						
Start date:	Ongoing intakes		End date:	Ongoing			
Total # of students in program:	80		Total # of employees:	10			
Anticipated # of students on campus daily when scheduled:	Maximum: 32 Students		Anticipated # of employees on campus daily when scheduled	6 Faculty + Support Staff			
Completed by:	Mark Deroche & Eric Fry	Dep	artment Heads	November 23, 2020			
Replaces	RTC Safety Plan #:		NE16, NE18, NE20 submitt king numbers being assign	• • • •			
	GFP Safety Plan #:						



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.

Type of Space **Capacity Room Number Campus/Building** Include washrooms and breakout rooms Floor Plans found Current capacity due to COVID-19 NE₂₀ 101C Apprenticeship Level 1&3 Shop Space 8 students +2 staff NE₂₀ 120 Apprenticeship Level 2&4 Shop Space 8 students +2 staff 110 NE₂₀ General Motors – Apprenticeship Shop Space 8 students +2 staff NE₂₀ 130 Motorcycle Apprenticeship Shop Space 8 students +2 staff NE₂₀ 130 Motorcycle Apprenticeship Shop Space 8 students +2 staff **NE18** 100 Canadian Tire - Apprenticeship Shop Space 8 students +2 staff **NE18** 100 Wheel Alignment Area Lab Space 8 students +2 staff 107 NE₂₀ Washroom 2 NE₂₀ 108 Washroom NE16 (back-up training space if required) 101, 115, 114, 117 **Auto Shop** 16 students + 2 staff



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).

Though apprenticeship training is primarily theory based training provided online, there are essential practical activities that can only be accomplished in the workshop environment.

CONTROL MEASURES

COVID-19 SAFETY PLAN: CONTROL MEASURES CHECKLIST

Directions for completing a Safety Plan:

- 1. First step read the BCIT COVID-19 Go-Forward Plan as the overall planning document, and use it to complete Steps 2-7.
- 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> <u>Assessment Controls Guidance and Hierarchy of Controls</u>. For assistance email <u>ssemohs@bcit.ca</u>.



#	Control Measure	Yes	No	NA	Provide Details (as per Directions)			
ELIN	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.				In addition to barriers, walkways and procedures to ensure physical distancing, all participants are asked to wear face coverings in addition to the usual PPE expected to be worn in the workshop environment.			
2.	Demonstration, work and assessment stations are set-up to allow for 2 metres physical distancing.	\boxtimes			Where possible, shop video demonstration and AV equipment have been used to enhance detailed demonstrations to be viewed while maintaining social distancing.			
3.	Identified area(s) where students wait outside of teaching space until allowed inside by instructor.				Students to wait in marked spaces outside the designated entrance doors to the main shops while maintaining physical distancing.			
4.	Work has been scheduled to minimize numbers of individuals on campus at one time.							
5.	In shared spaces, safety protocols have been put in place to reduce close contact between users.	\boxtimes			Barriers, marked pathways, identified small room capacities, social distancing, enhanced cleaning processes employed			
6.	Movement within the room is identified, such as with directional arrows, for walkways and entrances/exits.				Signs or arrows on the floor identifying directions. Entrance and Exit doors clearly identified.			
7.	Water fountains are put out of service, and only touchless water bottle filling station available.							
8.	Mobile fans have been removed or put out of service.	\boxtimes						
9.	Washrooms have been identified.	\boxtimes			If yes, Washroom occupancy limit:3			
10.	Break area(s) for student use have been identified.		\boxtimes		Students are asked to leave the training spaces for scheduled coffee/lunch breaks and between shop learning activities and demonstrations. Expectation is that students use accessible BCIT common spaces.			
11.	Break areas for employee use have been identified.	\boxtimes			Employees uses various resource / office spaces outlined in out Administrative Workspace Safety Plan. Tracking number TBD – in process waiting for approval.			
12.	Other:							
ENG	INEERING CONTROL MEASURES							
13.	<u>Barriers</u> are implemented to separate work areas or walk ways, when physical distancing not practical.	\boxtimes			Shop training space configurations change depending on the nature of the particular activity. Portable barriers have been constructed and are placed between workstations or students depending on the activities being performed.			
14.	Barriers are stable and do not introduce other safety hazards, e.g. tripping.	\boxtimes			Barriers weighted and placed outside of designated walkways to reduce tripping hazards.			
15.	The impact on ventilation requirements have been considered if there's been a significant use change for the instructional space.	\boxtimes			Ventilation requirments can be controlled via the opening/closing of bays doors.			
16.	Other:			\boxtimes				



#	Control Measure	Yes	No	NA	Provide Details (as per Directions)		
SIGN	SIGNAGE (ADMINISTRATIVE) Signage is available @ <u>BCIT online Inventory</u> . Guidelines for posting signs are available on <u>ShareSpace</u> .						
17.	Posted: Physical distancing (2 m) sign(s) Item 1A	\boxtimes			Signs and floor tape are used for the 2m rules.		
18.	Posted: Hand washing sign(s) Item 29B	\boxtimes			Signs are on the walls and stations.		
19.	Posted: Health screen sign(s) Item 3C	\boxtimes			Signs are on the walls and stations.		
20.	Posted: Hand washing sink location sign(s) Item 14A	\boxtimes			Signs are on the walls and stations.		
21.	Posted: Hand sanitizing station location sign(s) Item 13A	\boxtimes			Signs are on the stations.		
22.	Posted: Protect yourself sign(s) Item 21A	\boxtimes			Signs are on the walls and stations.		
23.	Posted: Occupancy limit of this room sign(s) Item 37A	\boxtimes			Entrance of NE20		
24.	Posted: Other signs			\boxtimes	Please list: Each student is given a list of COVID and regular shop rules during their online safety orientation training.		
ORIENTATION AND TRAINING (ADMINISTRATIVE)							
25.	Routine safety discussions held to review control measures and safety protocols.	\boxtimes			Daily		
26.	All students have completed the online COVID-19 Pandemic On- Campus Guidelines training.	\boxtimes			Delivered as an online module within the course shell on the Learning Hub. Students must upload certificate of completion, faculty to ensure compliance before admitting students into the workshop.		
27.	COVID-19 safety Site orientation for students has been developed and posted in the Learning Hub.				All students complete a mandatory shop safety orientation at the beginning of their program. The department has created and implemented a weekly COVID specific shop orientation check-list and procedure. See COVID Shop Safety Orientation Checklist attached to the end of this Safety plan.		
28.	All employees have completed the online BCIT Pandemic Exposure Control Plan Training.	\boxtimes					
29.	All employees have completed the online OHS New Employee Orientation module.		\boxtimes		All faculty hired in 2020 have completed the New Employee Orientation. All pre-existing faculty & staff that have not already completed training are being scheduled for training.		
30.	Other:			\boxtimes			
RULI	ES AND GUIDELINES (ADMINISTRATIVE)						
31.	All unnecessary and self-serve items have been removed from the spaces. e.g., pens, paper, etc.	\boxtimes			All supplies asked for prior to class and stocked at each workspace – Self serve cleaning supply carts provided within each workspace		
32.	Doors that students are to use to enter and exit have been clearly identified.	\boxtimes			Signs posted on and in front of entry and exit doors.		
	1	1	1				

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#	Control Measure	Yes	No	NA	Provide Details (as per Directions)
33.	Handouts, papers, and items are not physically provided to students.		\boxtimes		In some instances distribution of handouts is required. Faculty will sanitize hands before distribution. Handouts that must be submitted are placed in a "turn-in" box and stored for 4 days before assessing.
34.	Students have dedicated tools/equipment, e.g., items are not shared between students.		\boxtimes		Students are provided with a set of dedicated tools for their use. Occasionally shared tools are required and a process for sanitizing and identifying dirty and sanitized tools has been established.
35.	If cleaning common touch points or tools/equipment not practical, then it is identified when hands are washed/sanitized before and after use.				Students directed to wash hands before and after conducting all shop activities.
36.	Work spaces/stations are dedicated for an individual or group use and not shared with others.				Certain circumstances require students to rotate between workstations. Students are directed to wash their hands before and after using each workstations. Stations are sanitized by students after each use.
37.	Single-use (disposable) products are used where feasible.	\boxtimes			
38.	Measures are in place to accommodate student sick at home.				Theory is online and instructors will reinforce the need to stay home if not well, and determine a plan to catch students up if necessary.
39.	Procedures in place to screen students on a daily basis.				The <u>health screen</u> sign (Item 3C, BCIT online inventory, EOC approved signage) is posted at all entry doors. Students and employees are expected to self assess daily, and the <u>BCCDC self-assessment</u> tool can be used to support this.
40.	There is a procedure in place if a student or employee becomes ill on campus.				Refer to the COVID-19 Pandemic Scenario Response Plan 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. Students exhibiting symptoms, in isolation or COVID 19+ must be reported to Student Life using the COVID 19 Early Assist reporting system https://www.bcit.ca/early-assist/
41.	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 #39 Health Screen sign and <u>BCCDC self-assessment</u> tool above.
42.	Provisions made for students to maintain same lab/class cohort throughout the Term.	\boxtimes			All programs/courses are cohort based with up to 16 students.
43.	Other:			\boxtimes	
PERS	SONAL PROTECTIVE EQUIPMENT (PPE). Refer to the PPE F	lowcha	rt to d	eterm	ine what PPE is required for COVID-19 purposes.
44.	Appropriate PPE for the hazards of employee and student tasks are available to be provided (non-COVID-19 related ppe).		\boxtimes		
45.	Training is provided for the above PPE to students and employees.				

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#	Control Measure	Yes	No	NA	Provide Details (as per Directions)
46.	Appropriate PPE for COVID-19 is available to be provided to students and employees. Supply requests emailed to ppe@bcit.ca.				COVID related PPE provided based on circumstances allowed for in the <u>BCIT COVID-19</u> <u>Go-Forward Plan</u> , Risk Assessment Matrix Summary.
47.	PPE safe <u>donning</u> , <u>doffing</u> , <u>disposal</u> , <u>and disinfecting instructional</u> materials are available for students and employees.				Applicable signs posted in a visible location where COVID PPE is required.
48.	Other:			×	
CLEA	NING				
49.	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 request 1457885 has been issued and in process.
50.	Training will be provided to faculty and students performing cleaning duties and cleaning materials have been provided.				General tool, equipment and bench disinfecting is accomplished using Spray Nine cleaner. Applying cleaner: wear gloves and safety glasses, apply cleaner waiting 45 seconds, and wipe off with shop towel.
51.	Assessment of sufficient number of hand wash stations conducted, and an appropriate number of handwashing stations are available				Different shop areas have different quantities of sinks. Partitions have been constructed to ensure at least 3 sinks per shop area. To reduce sink traffic before classes begin, after class ends and before and after breaks, start and break times are staggered when more than one 16 students cohort will be in the shop at the same time.
52.	Handwashing station(s), stocked, easily accessed, and have been identified to students and employees.				All sinks stocked with soap and paper towel
53.	Hand sanitizing station(s), stocked, and have been identified to students and employees.				ABHS (Alcohol-Based Hand Sanitizer): Located on sanitation carts distributed through shop activity areas and maintained by the shop tool room attendant. Additionally blue, foot activated alcohol dispensers are located at each entry and exit door and these are maintained by Facilities.
54.	All Safety Data Sheets (SDS) and cleaning procedures used are found here .				Refer to BCIT SAFE OPERATING PROCEDURE: COVID 19 – Permatex Spray Nine Disinfecting, John Di Bella, OHS Coordinator <u>here</u> .
55.	The area(s) have been decluttered so that cleaning is simplified.				
56.	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. Facilities requested to clean barriers on ongoing bases.
57.	Common touch points and tools/equipment that must be shared are identified and cleaned between students and classes.				Students have been directed to disinfect workspaces and equipment both before and after performing activities. Shared hand tools have a process for storing "dirty" and "clean" tools separately and are sanitized by tool room staff.



#	Control Measure	Yes	No	NA	Provide Details (as per Directions)
58.	Storage space for personal articles have been identified and are cleaned regularly.	\boxtimes			Students must use the disinfectant before storing and after removing their personal items from identified storage areas such as under a workbench, on a designated storage rack or in the student's dedicated toolbox.
59.	Other:			\boxtimes	
AUD	IT AND CONTINUOUS IMPROVEMENT				
60.	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. Department Heads and Shop Supervisor to inspect areas daily.
61.	Audits of inspections are planned to ensure that control measures continue to be effective.	\boxtimes			Associate Dean to audit weekly, Department OHS Committee to inspect one shop per month.

APPROVAL

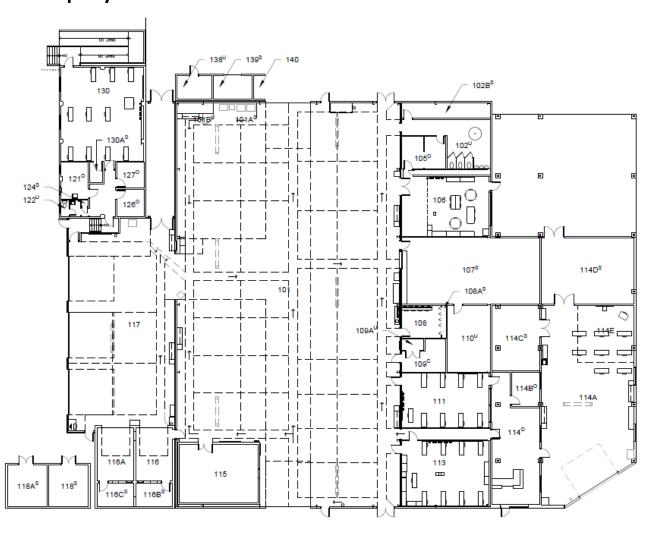
All COVID-19	All COVID-19 risk control measures for this campus activity are in place.					
Manager	Name Mubasher Faruki	Position Associate Dean	Date November 27, 2020			
EOC	Name Glen Magel	Position EOC Director	Date December 12, 2020			

REVISION APPROVAL (if applicable)

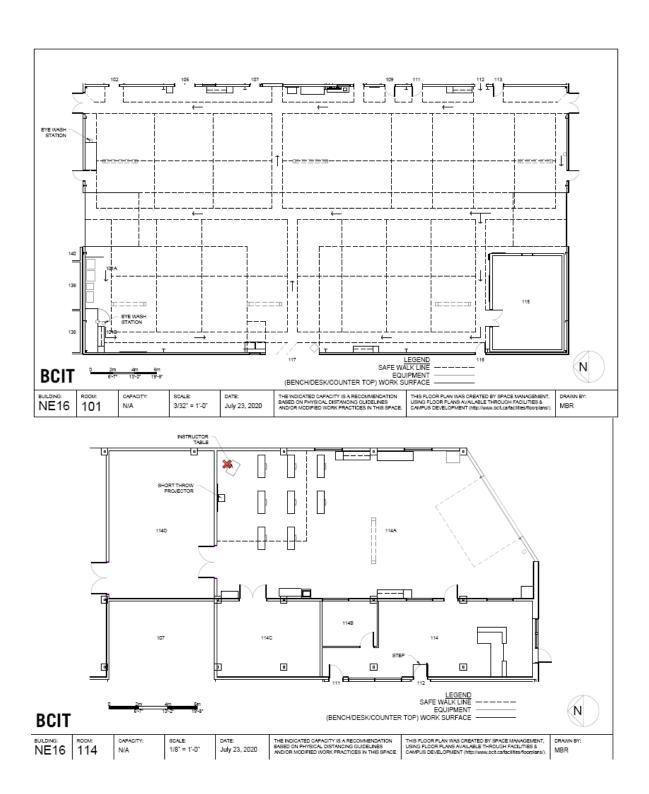
All COVID-19	All COVID-19 risk control measures for this campus activity are in place.					
Manager	Name	Position	Date			
EOC	Name	Position	Date			



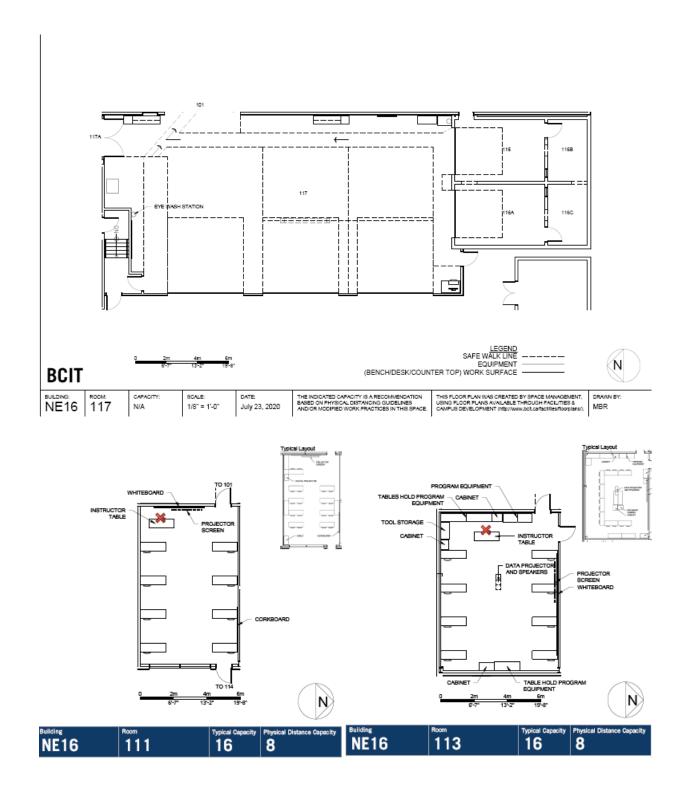
NE16 Shop Layout





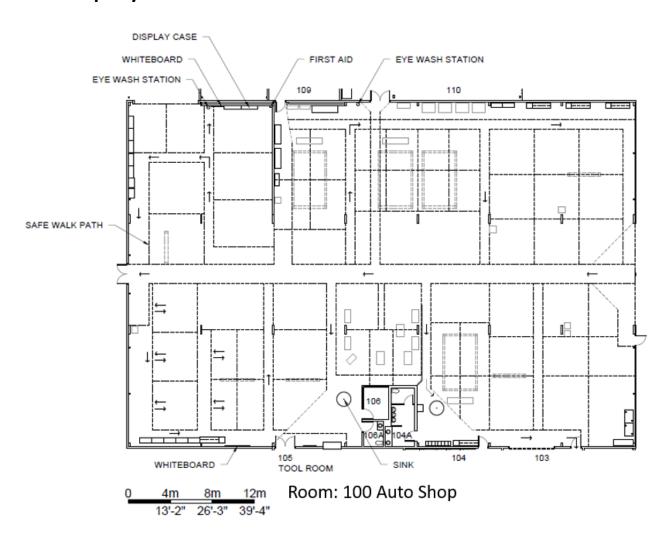


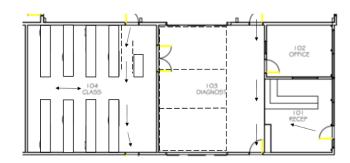






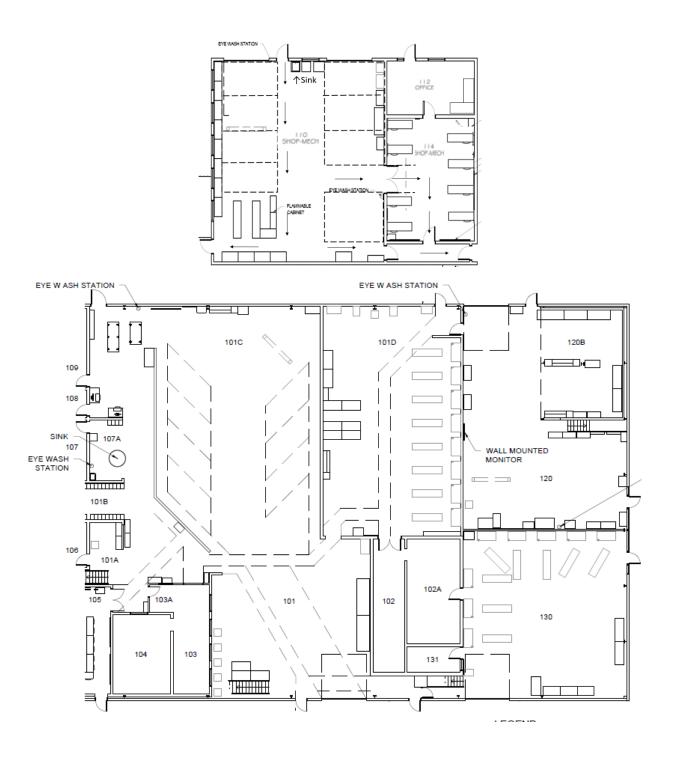
NE18 Shop Layout







NE20 Shop Layout





COVID Shop Safety Student Orientation Checklist

COVID Shop Safety Student Orientation Checklist

Pertaining to Shops: NE10, NE16, NE18, NE20

Instructions:

- 1. Instructors are to complete this checklist onsite before beginning class, lab and shop activities on campus,
- After all topics have been reviewed and are clearly communicated, sign and date at the bottom of the form,
- 3. Only one form needs to be completed weekly per class/cohort,
- 4. Encourage students to ask questions,
- 5. Ensure all blank areas are completed with a "\square" indicating completed or "NA" for Not Applicable,
- 6. After completing this orientation checklist, sign and date the bottom then scan or send photo to your Department Head.

Prerequisite to Attending On-Campus Activities

All students in the cohort must have completed the online COVID-19 Pandemic On-Campus Guidelines training.

- All students have completed required online training course verified by faculty member:
- List any students that have not completed the prerequisite training:
 - Direct them to leave after this Shop Orientation and return once they have completed this requirement,
 - Verify completion before admitting them back into the workshop.

Self Assessment

- Explain: For the health of the BCIT staff, students and the community, all students and staff
 must self-assess daily for symptoms and risks pertaining to COVID-19 <u>prior</u> to arriving on
 camous.
- Identify and Review: "Stay home if you are feeling unwell" signage on entry doors
 Sign reads: "Do not enter the building if:
 - You have any of the following symptoms: fever, chills, new or worsening cough, shortness of breath, new muscle aches or headaches, sore throat.
 - You have travelled outside Canada in the last 14 days.
 - You are self-isolating."
- ☐ Direct students to BC COVID-19 Self-Assessment Tool: https://bc.thrive.health/covid19/en
- Explain that accommodations will be made for activities missed due to COVID Risk Related Absence. Contact Department Head should this situation arise,
- Explain that BCIT supports all students in self-isolation due to exposure or COVID positive test results through the Early ASSIT program.

Stay home if you are feeling unwell. Pear of the feeling unwell. **No have not the building if **In his have not the building of the feel of the feeling of the seed of the feeling of

Social Distancing:

- Explain that all staff and student are responsible for maintaining at least 2 meters of separation
 at all times while on campus including all BCIT interior and exterior spaces, before, during and
 after class times and during coffee and lunch breaks,
- Explain "do your part to help keep us apart" speak up if anyone encroaches on your space, watch out for high traffic areas and actively avoid one another in walkways and lab spaces,
- ☐ Demonstrate how barriers that can be used to safely reduce physical distancing,
- Explain that situations requiring less than 2 meters without using a barrier should be avoided as this is the most risky behaviour, should it be necessary, after consulting with your instructor, medical grade face coverings will be required following proper donning & doffing procedures.



Sanitation:

Hand Washing -

- ☐ Identify shop sink areas and occupancy limits,
- Explain that soap and water hand washing is required: upon arrival to the building, before and after each shop activity, before exiting the building,
- Identify that each sink area has a Hand Hygiene sign indicating hand sanitization procedures,
 Remind students that not all shop workstations can be sanitized so washing hands before and after and not touching your face is the first and best line of defence,
- Identify examples of alcohol based hand sanitizer at entry & exit doors and sanitation carts throughout the workshop areas.
- Remind students that alcohol sanitizer does <u>not</u> work as well on dirty or greasy hands, washing hands is best.

Tools & Equipment -

- Identify tool and equipment disinfectant (Spray Nine) on sanitation carts,
- Demonstrate sanitation procedure: wear gloves, spray disinfectant on bench, wait 45 seconds, wipe off with shop towel, dispose shop towel in garbage,
- Explain that students are responsible for disinfecting workspaces and equipment before and after completing activities.
- Explain process for cleaning shared hand tools: Used tools go in the designated "Dirty Tool" area, only retrieve tools from the "Clean Tool" area. Often these are separate carts or shelves on a workbench.





Person	al Protective Equipment (PPE):
	Reminder: Non-COVID related CSA boots & Safety Glasses are required at all times when working
	in the shop and additional PPE such as hearing, respiratory and chemical gloves are
	provided/accessible when needed,
	Explain than BCIT strongly recommends face coverings at all times, your instructor may require
	face coverings, Protect yourself and others.
	Explain that nitrile gloves, commonly worn in industry are also in protecting against COVID,
	gloves still can become contaminated but you are less likely to touch your face. Additionally
	nitrile gloves should be worn when using shop disinfectant.
	Remind that all PPE must be properly worn to provide expected protection.
	Name of State of Stat
Entry I	ixit, Breaks and Personal Items:
	Explain Entry Procedure: Arrive on time, wait outside socially distanced, when invited in proceed
	through entry door/pathway to a hand washing station before going to workstation /
	demonstration area.
	Explain Exit Procedure: During breaks or between activities, sanitize workspace, wash hands,
	depart using identified exit pathway/door,
	Reminder; During breaks practice social distancing outside shop areas, in cafeterias and other Wrong Way.
_	BCIT spaces,
	Identify defined walkways and corridors through the shop space, directional arrows and common Do Not Enter.
	high traffic areas where extra caution and common sense must be employed (Toolroom,
_	bathroom, sinks etc.)
	Identify where students can store their personal items such as bags and jackets. Lockers are not
	available, students must use the disinfectant before storing and after removing their personal
	items. Generally under a workbench, on a designated storage rack or in the student's dedicated
	toolbox.
	uences
	······································
	consequence of risky behaviour is causing an outbreak that could result in a direct or indirect hospitalization or fatality.
	Explain that the ability for the department to provide shop activities in contingent on staff and students following COVID
	safety protocols – BCIT is watching and if these procedures are not being followed, shop access could be restricted or
	suspended,
	Explain: Instructors already have a lot to do and can not be continuously reminding individuals to follow the COVID Shop
	Safety Procedures. Instructors have the ability to evict students from the shop for the remainder of the day when they are
	exhibiting risky behaviour. Ongoing behaviour that affects the safety of others will be considered a violation of the 5102
	BCIT Student Code of Conduct Policy which could result in denial of access to required shop activities,
Sign Of	f
Progra	n, Course, Cohort Identification:
rrogra	n, coarse, construction.
Notes/	Comments:
Check	ist completed by: Date:
Em	ail a seap or photo of completed checklist to your Department Head within 12 hours of completion

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