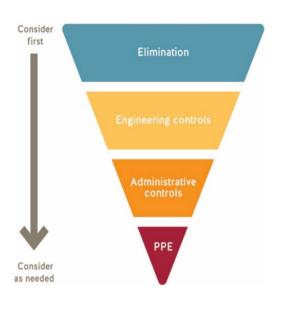


The BCIT COVID-19 Go-Forward Plan outlines the risk assessments, control measures, and the organizational process for our safe return to campus. All returning programs/courses must adhere to this process. Please refer to the <u>BCIT COVID-19 Go-Forward Plan</u> for additional information.

CONTACT INFORMATION

| Course/Program Name: | Diploma: Automotive Service | Tec | hnician and Operation | ns (ASTO) |
|---|---|------|---|--------------------------------------|
| Proportion of program offered on campus: | Program has 39 courses, 26 of are to be delivered on campus | f wh | • | • • |
| Start date: | Ongoing cohorts in progress throughout the year. Five or six into | | End date: | Ongoing |
| Total # of students in program: | Up to 96 students per term | | Total # of employees: | 20 |
| Anticipated # of students on campus daily when scheduled: | Maximum 32 | | Anticipated # of employees on campus daily when scheduled | 10 including Faculty & Support Staff |
| Completed by: | Mark Deroche & Eric Fry | Dep | artment Heads | November 23, 2020 |
| Replaces | RTC Safety Plan #: | | 6, NE18, NE20 RTC submiting assigned tracking number | ····· |
| | 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.

| Campus/ Building | Room Number Floor Plans found here | Type of Space Include washrooms and breakout rooms | Capacity Current capacity due to COVID-19 |
|------------------|------------------------------------|--|---|
| NE16 | 101 | Main Shop | 32 students + 5 staff |
| NE16 | 115 | Tire Shop | 6 students + 1 staff |
| NE16 | 117 | West Shop | 8 students + 1 staff |
| NE16 | 102 | Washrooms | 3 |
| NE18 | 100 | Main Shop – Wheel Alignment Areas | 8 students + 1 staff |
| | | | |



| NE18 (Back-up shop space if required) 114 East Shop 8 students + 1 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).

Each ASTO Course has Essential Practical activities deemed fundamental and necessary for success in industry that can not be physically developed or assessed through online delivery. The programs traditional shop activities have been reduced to the minimum most essential skills which is about 50% of the shop time delivered during traditional course delivery.

CONTROL MEASURES

COVID-19 SAFETY PLAN: CONTROL MEASURES CHECKLIST

Directions for completing a Safety Plan:

- 1. First step read the <u>BCIT COVID-19 Go-Forward Plan</u> 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 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 | 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. | \boxtimes | | | 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. | \boxtimes | | | | | | | |
| 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 use BCIT common spaces. | | | | |
| 11. | Break areas for employee use have been identified. | \boxtimes | | | Employee 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. | | | | 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: | | | | | | | | |



| # | Control Measure | Yes | No | NA | Provide Details (as per Directions) | | | |
|------|--|-------------|-------------|-------------|--|--|--|--|
| SIGN | SIGNAGE (ADMINISTRATIVE) Signage is available @ BCIT online Inventory. Guidelines for posting signs are available on ShareSpace. | | | | | | | |
| 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 stations. | | | |
| 21. | Posted: Hand sanitizing station location sign(s) Item 13A | \boxtimes | | | Signs are on the walls and stations. | | | |
| 22. | Posted: Protect yourself sign(s) Item 21A | \boxtimes | | | | | | |
| 23. | Posted: Occupancy limit of this room sign(s) Item 37A | \boxtimes | | | | | | |
| 24. | Posted: Other signs | | | \boxtimes | Please li Please list: Each student is given a list of COVID and regular shop rules during their online safety orientation training. | | | |
| | | | | | then online series, enerteened demands | | | |
| ORIE | ENTATION AND TRAINING (ADMINISTRATIVE) | | | | | | | |
| 25. | Routine safety discussions held to review control measures and safety protocols. | | | | Daily | | | |
| 26. | All students have completed the online COVID-19 Pandemic On- | \boxtimes | | | Delivered as an online module within the course shell on the Learning Hub. Students | | | |
| | <u>Campus Guidelines</u> training. | | | | 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. | \boxtimes | | | 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 | | | |
| | developed and posted in the Learning ridb. | | | | orientation check-list and procedure. See COVID Shop Safety Orientation Checklist | | | |
| 28. | All employees have completed the online BCIT Pandemic | \boxtimes | | | attached to the end of this Safety plan. | | | |
| 20. | Exposure Control Plan Training. | | | | | | | |
| 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 | \boxtimes | | | All supplies asked for prior to class and stocked at each workspace – | | | |
| | the spaces. e.g., pens, paper, etc. | | | | Self serve cleaning supply carts provided within each workspace | | | |
| 32. | Doors that students are to use to enter and exit have been | \boxtimes | | | Signs posted on and in front of entry and exit doors. | | | |
| | clearly identified. | | | | | | | |

SSEM, OHS Division COVID-19 Safety Plan Date: Nov 5, 2020 Page 4 of 13



| # | Control Measure | Yes | No | NA | Provide Details (as per Directions) |
|-----|--|-------------|-------------|-------------|--|
| 33. | Handouts, papers, and items are not physically provided to | | \boxtimes | | In some instances distribution of handouts is required. Faculty will sanitize hands before |
| | students. | | | | 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 | | \boxtimes | | Students are provided with a set of dedicated tools for their use. Occasionally shared |
| | shared between students. | | | | 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 | \boxtimes | | | Students directed to wash hands before and after conducting all shop activities. |
| | practical, then it is identified when hands are washed/sanitized | | | | |
| | before and after use. | | | | |
| 36. | Work spaces/stations are dedicated for an individual or group | | \boxtimes | | Certain circumstances require students to rotate between workstations. Students are |
| | use and not shared with others. | | | | directed to wash their hands before and after using each workstation. 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. | \boxtimes | | | |
| 39. | Procedures in place to screen students on a daily basis. | \boxtimes | | | 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 |
| | | | | | BCCDC self-assessment tool can be used to support this. |
| 40. | There is a procedure in place if a student or employee becomes | \boxtimes | | | Refer to the <u>COVID-19 Pandemic Scenario Response Plan</u> for more information. If the |
| | ill on campus. | | | | 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 |
| 41. | There are precedures in place if a student or employee travels | \boxtimes | | | 19 Early Assist reporting system https://www.bcit.ca/early-assist/ Refer to #39 Health Screen sign and BCCDC self-assessment tool above. |
| 41. | There are procedures in place if a student or employee travels | | | | Refer to #35 freatth screen sign and becove sen-assessment tool above. |
| | before coming to campus, or has been in close contact with | | | | |
| 42 | someone who has tested positive for COVID-19. | | | | All managements / an unang and and he and with our to 10 at whents |
| 42. | Provisions made for students to maintain same lab/class cohort | \boxtimes | | | All programs/courses are cohort based with up to 16 students. |
| | throughout the Term. | | | | |
| 43. | Other: | | | \boxtimes | |
| DEC | | | | | |
| | SONAL PROTECTIVE EQUIPMENT (PPE). Refer to the PPE F | | rt to d | | |
| 44. | Appropriate PPE for the hazards of employee and student tasks | \boxtimes | | | Safety glasses; steel toed boots |
| | are available to be provided (non-COVID-19 related ppe). | | | | |
| 45. | Training is provided for the above PPE to students and | \boxtimes | | | |
| | employees. | | | | |
| 46. | Appropriate PPE for COVID-19 is available to be provided to | \boxtimes | | | COVID related PPE provided based on circumstances allowed for in the <u>BCIT COVID-19</u> |
| | students and employees. Supply requests emailed to | | | | Go-Forward Plan, Risk Assessment Matrix Summary. Safety glasses and gloves as noted |
| | ppe@bcit.ca. | | | | under Item 50 |



| # | Control Measure | Yes | No | NA | Provide Details (as per Directions) |
|------|--|-------------|----|-------------|--|
| 47. | PPE safe donning, doffing, disposal, and disinfecting instructional | \boxtimes | | | Applicable signs posted in a visible location where COVID PPE is required. |
| | materials are available for students and employees. | | | | |
| 48. | Other: | | | \boxtimes | |
| CLEA | INING | | | | |
| 49. | Facilities is aware of the cleaning needs for the area. Facilities work requests have been submitted. | \boxtimes | | | Cleaning includes common touch points and appropriate frequency for the area. This includes high touch areas. Provide FCD work request number(s). 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. | \boxtimes | | | General tool, equipment and bench disinfecting is accomplished using Spray Nine cleaner. Applying cleaner: wear gloves and safety glasses, apply cleaner waiting 45 seconds, 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. | \boxtimes | | | All sinks stocked with soap and paper towel |
| 53. | Hand sanitizing station(s), stocked, and have been identified to students and employees. | \boxtimes | | | 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. | \boxtimes | | | 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. |
| 58. | Storage space for personal articles have been identified and are cleaned regularly. | | | | 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. |



| # | Control Measure | Yes | No | NA | Provide Details (as per Directions) |
|-----|---|-------------|----|-------------|--|
| 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. | \boxtimes | | | Ensure this COVID-19 Safety Plan is posted. Department Heads and Shop Supervisor to inspect areas daily. |
| 61. | <u>Audits of inspections</u> are planned to ensure that control measures continue to be effective. | | | | Associate Dean to audit weekly, Department OHS Committee to inspect one shop per month. |

APPROVAL

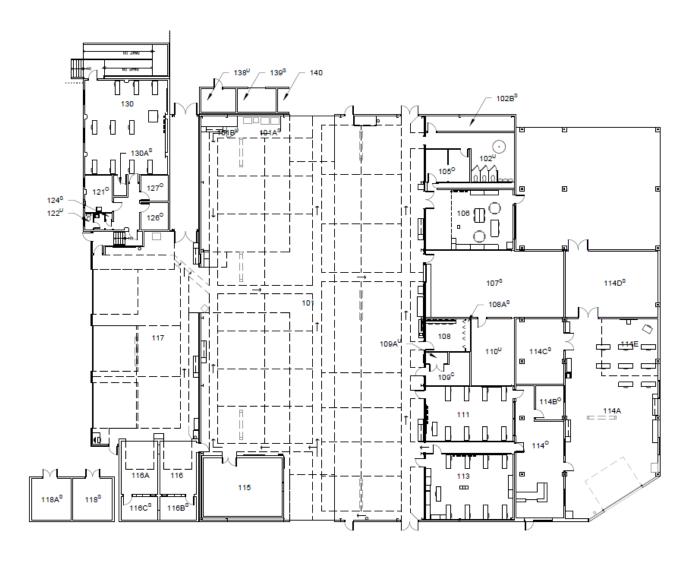
| All COVID-19 risk control measures for this campus activity are in place. | | | | | | | |
|---|-----------------|----------------|-------------------|--|--|--|--|
| | Name | Position | Date | | | | |
| Manager | Mubasher Faruki | Associate Dean | November 27, 2020 | | | | |
| | Name | Position | Date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

REVISION APPROVAL (if applicable)

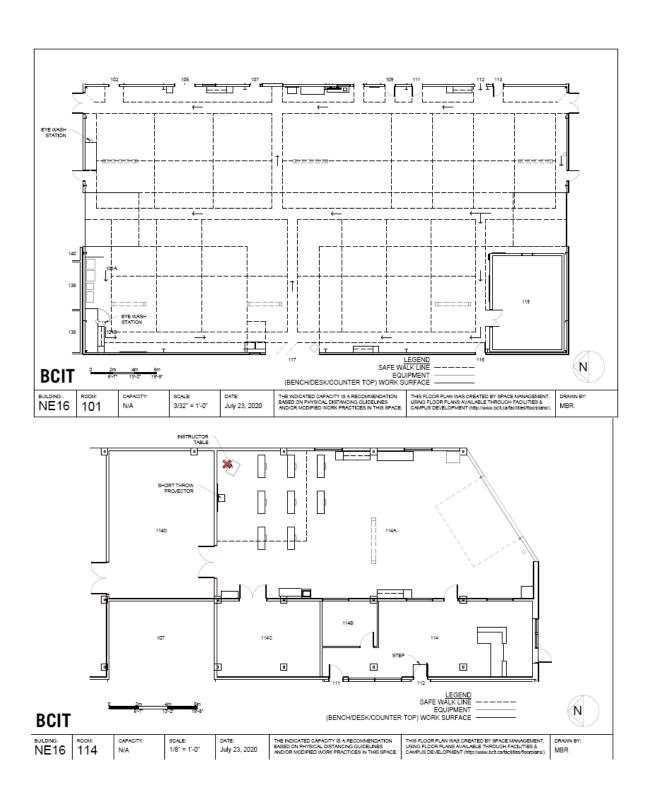
| All COVID-19 risk control measures for this campus activity are in place. | | | | | | |
|---|------|----------|------|--|--|--|
| Manager | Name | Position | Date | | | |
| EOC | Name | Position | Date | | | |



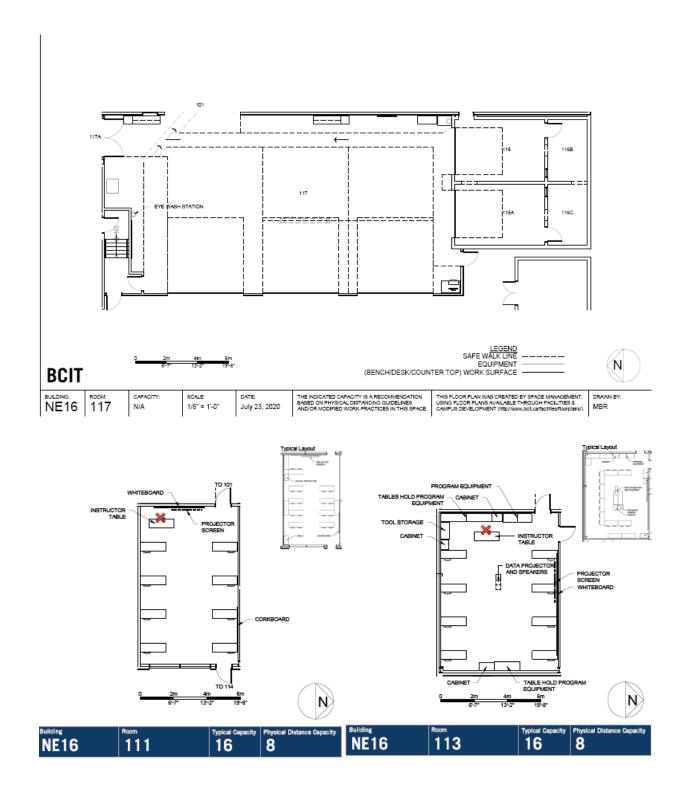
NE16 Shop Layout





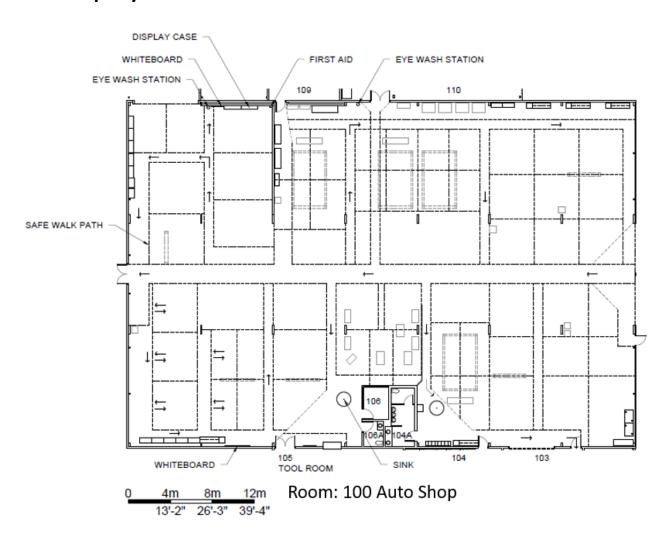


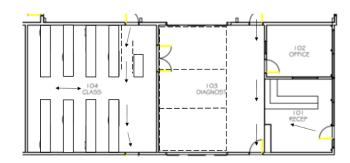






NE18 Shop Layout







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,
- Ensure all blank areas are completed with a "\" 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. Flavor down are this belong if I have been a feel for belong a program, how of the control and produced are consisted unity or breakful, are required to the control of the contr

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,
- $\hfill \square$ 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 the Control o |
| Entry | exit, 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. |
| | Bull 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 |
| | |
| Drogen | n, Course, Cohort Identification: |
| riogia | n, course, conort identification. |
| | |
| Notes/ | Comments: |
| | |
| | |
| | |
| | |
| | |
| Check | ist completed by: Date: |
| | |
| E | ail a scan or photo of completed checklist to your Department Head within 12 hours of completion |

SSEM, OHS Division COVID-19 Safety Plan Date: Nov 5, 2020 Page 13 o