

Safe Work Plan			
COVID-19:		E I Field Work	
Created by	Robert Bialkowski	Approving Supervisor	Marc Patenaude
Created Date	5/6/21	School	SENRS
Applies to the following:			
Program		Course Code	
ETN		ENVR 11	

Overview

COVID-19 is a respiratory disease caused by a new type of coronavirus. Public Health Ontario advises the virus is spread predominantly through respiratory droplets produced by an infected person when coughing, sneezing, or talking to others who are in close proximity (within 2 Meters) to them. The following plan includes recommendations to help reduce the risk of COVID-19.

For onsite campus illness reporting

If an employee or student begins to feel unwell while on campus, please contact ext.4444 immediately to receive instruction and guidance on next steps.

For offsite campus illness reporting

If an employee or student begins to feel unwell, please contact 705-749-5530 ext. 8000 to report illness and receive instruction and guidance on next steps.

Scope

This document will provide guidance on working safely based on all COVID-19 related H&S sector-specific and Public Health guidelines. This safe work plan applies to all Fleming staff, students and community members participating in the courses listed above. This safe work plan must be used in conjunction with all Fleming College operational procedures and established safety protocols.

Restricted Campus Access

All approved individuals attending campus are required to complete "Return to Campus" training in advance and participate in daily health-related screening as per Public Health requirement. Additionally, all employees and students are required to wear a non-medical mask/face covering, practice physical distancing and vigorous hand hygiene while on campus.

Recognize the COVID related hazards

- Sustained close contact (greater than 15mins)
- Shared materials, tools, equipment
- Congregation

Expected Controls to Reduce COVID Transmission

The following controls reflect current Public Health measures to reduce transmission of COVID-19 in the work and learning environment. All participants are expected to practice these safety measures during the course of work.

Close Contact

- Ensure 2m. or 6ft. physical distancing at all times.
- Daily attendance will be taken. Ideally make note of partnerships and assigned workstations.
- If project/pair work is required, staff and students will be assigned consistent partner for the entirety of the course. Activities that require contact will only be completed with assigned partners.
- If sustained close contact (greater than 15mins) facial coverings AND eye protection is required.

Shared Equipment

- Assigned equipment to be used as much as possible to reduce sharing.
- Students will be encouraged to bring in their own tools when possible.
- When shared equipment and tools must take place, vigilant hand hygiene will be the primary control.
- Diligent hand hygiene will occur before and after contact with a piece of equipment.
- The instructor podium and electronics i.e. safety phone, computer keyboard, mouse, monitor, etc. will be disinfected prior use and after use using wipes provided.
- Equipment can be left to “rest” for min of 72 hours or disinfected prior to redeployment.

Congregation

- Respect all directional floor markings and posted safety signs.
- Use of staggered schedules to reduce potential of hallway, breakroom etc. congregation.
- Numbered workstations are assigned for duration of all lab activities.
- Workstations are pre-stocked, by lab technologist in advance to minimize student’s movement during the lab.
- Demonstrations will be led by instructor in smaller groups to avoid close congregation.
- Consider the use of technological support such as document cameras.
- Use of plexiglass barriers can be considered for close contact discussions in addition to face coverings.
- Unapproved close contact between individuals is strictly prohibited.

Sanitation

- All labs and workspaces will be provided with hand sanitizer and disinfectant wipes. Care will be taken to use only what is required to prevent waste of supplies.
- All consumables such as wipes will be discarded in the garbage cans provided after use.
- All unnecessary equipment will be removed from the lab/workspace space to promote wipeable surfaces and encourage physical distancing.
- Vigorous hand hygiene must be practiced after using shared equipment or high touch surfaces.
- It is extremely important that everyone washes and/or sanitize hands
 - before touching your face, eyes, or mouth;

- before putting on your personal protective equipment (PPE);
- before eating, drinking, smoking or vaping;
- after removing your PPE or your soiled work clothing;
- after working on a surface touched by other people; and
- after using a tool or equipment that is shared with other people.

CAUTION: DO NOT USE HAND SANITIZER WHEN COMPLETING FLAME WORK DUE TO THE FLAMMABILITY OF THE ALCOHOL IN THE HAND SANITIZER. Each lab is equipped with a sink, running water and soap for use upon entry into the lab. Directions of effective hand washing signs are present at all sinks.

Shared Responsibility

- All participants are expected to read and practice all safety measures outlined in this document.
- All participants are responsible for identifying safety related hazards in the workplace.
- The Supervisor is responsible for ensuring all safety measures are known and adhered to by all workers in the workplace.

This section is to capture additional information regarding the unique characteristics of the activity taking place. Please complete this area.

List the standard PPE requirements for this course/dept.

Non-medical face covering
Safety glasses
nitrile gloves

1. **Detail the course/department specific activities that require additional safety measures or considerations, not covered in the list above.**

Provide details here:

Field lab activities including:

1. Outdoor sampling (Stream and groundwater sampling; soil sampling)
2. Outdoor measurements (water and soil)
3. Busing

2. Provide details regarding the additional safety measures required to address the risks outlined above? (consider suggestions in tip sheet attached)

Provide details here:

Students working at sampling and taking measurements will be encouraged to remain at least 2 m apart when possible. If at any point students must come within 2 m of each other, they will be required to wear safety glasses/goggles and a level II mask. However, even when working in teams students will be able to and will be instructed to maintain 2 m physical distancing from one another. Equipment will have to be shared but work can be done individually while the other observes from 2 m plus distance. When this is required, only one student will handle a piece of equipment at any given time they will be required to sanitize their hands and wear nitrile gloves, in addition to hand sanitization before/after breaks/lunch.

Busing to and from the field site

Students will be screened using Fleming safe app before getting on the bus

face coverings will be worn on the bus

students sitting individually in seats on the bus

students will be staggered in the seats to maximize space

no eating or drinking on the bus

some bus windows will be open an inch to allow air circulation while maintaining a comfortable temperature on the bus

students will remain in their seats for the duration of the trip

the bus will not stop enroute to the field site.

3. List new or additional PPE considerations.

☒ **N/A** (please check this box if these considerations are not applicable to this SWP)

Provide details here:

4. Provide details regarding required extracurricular activities (Examples Day Trips, Visitors/Guest, One-Off Trips)

☐ **N/A** (please check this box if these considerations are not applicable to this SWP)

Provide details here:

Students will be bussed to sites. Student numbers will be limited based on protocols dictated by the college at the time of the trip. Students will be instructed to wear non-medical face coverings and safety glasses while on the bus.

Compliance

Failure to comply with this Safe Work Plan or any other procedures or policies of Fleming College may result in your dismissal from the lab and you may be asked to leave the College until your compliance for your safety and others can be assured.

Evaluation of Safe Work Plan

- a. Review of stock of disinfecting wipes, cleaning supplies and personal protective equipment.
- b. Weekly lab inspections to ensure spaces remains decluttered and organized.
- c. Frequent review and revision of Safe Work Plan to reflect ongoing policy revision and amendments – Prior to each semester at minimum.

Approvals

Revision History

Date	Rev.	Revision Summary	by
	0	Original.	
6/3/21	1	Updated as per Marc Patenaude	MP

Tip Sheet

Mitigation Control Strategies

Please review the following examples of mitigation control strategies as related to the inherent risks associated with the acute respiratory illnesses including COVID-19.

Elimination/Substitution Controls:

- Remote work where possible
- Staggered shifts, lunches, breaks
- Virtual learning and demos
- Removal of unnecessary equipment/furniture/materials
- Material handling tools
- Point of Sale Extension Poles

Engineering Controls:

- Plexiglass Barriers
- Workstation Partitions
- Use of a document camera
- Enlarged Screen

Administrative Controls:

- Floor Markings
- Entry/Exit Guidelines
- Assigned workstation/equipment/tools
- Increased sanitation/disinfection protocols
- Job Rotation for work behind plexiglass partitions

PPE Controls:

- Face Shield
- Safety Glasses
- Gowns/Coveralls
- Gloves