

Workplace Health and Safety 11

Supplementary Resource

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Prepared by the Department of Education and Early Childhood Development

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DRAFT Fall 2020: Workplace Health and Safety 11

Workplace Health and Safety 11 (WHS 11) is a half credit that can be delivered on its own or can build on learning from Career Development 10 and Community Based Learning 10. Determining where learners are in their understanding of concepts and content before engaging in new learning will be important in order to ensure that all learners are having their needs met and are being provided supports as appropriate. When WHS 11 is part of the Options and Opportunities program it is essential to ensure that learners are meeting the pre-placement safety expectations of cooperative education to help prepare learners for successful transitions to their placements.

At the end of the course it is expected that learners have understanding of how safety risks can be managed/reduced in different work settings. As part of this process, learners will acquire knowledge of workplace safety procedures and Personal Protective Equipment (PPE) based on site specific needs. They will also investigate workplace hazards and incidents, analyzing the impact these have on employees as well as employers. They will understand their rights, responsibilities and role in workplace health and safety. This includes the importance of the Internal Responsibility System. It is essential that these ideas are grounded in experiential opportunities where they can be applied and tested. This allows them to understand not only the importance of working safely but also be able to advocate for and contribute to a safe and positive workplace.

WHS 11

Module 1: Fundamentals of Workplace Health and Safety

- 1.1 identify the characteristics of a healthy work environment and recognize the impact of unsafe work practices
- 1.2 identify the impact of interpersonal relationships on workplace health and safety and demonstrate strategies for appropriate interaction
- 1.3 demonstrate and apply understanding of the major components of the Nova Scotia Occupational Health and Safety Act, including employer and worker rights and responsibilities for workplace health and safety
- 1.4 apply learnings about healthy and safe work environments to their home and school
- 1.5 show commitment to a culture of workplace safety and recognition that injury is preventable

Module 2: Workplace Hazards Awareness and Control

- 2.1 demonstrate understanding of the five main types of workplace hazards and their four main contributing factors
- 2.2 demonstrate understanding of each of the three components of WHMIS training, labels, and Material Safety Data Sheets (MSDS) through activity-based application to at least one type of workplace
- 2.3 demonstrate understanding of hazard control, including the role of reporting and personal protective equipment (PPE)
- 2.4 show understanding of root cause analysis to identify workplace hazards and investigate workplace incident and injury
- 2.5 show strategies for safe and effective response to workplace hazards and emergency situations through exercising safety rights and responsibilities

Option 1 - school is in: business as usual	Option 2 - Blended delivery -Content is delivered in combination with virtual and in class delivery	Option 3 - virtual - More student/ teacher contact time with explicit instruction defined - This will be further clarified once the learning continuity plan is shared
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Suggested Learning Experiences	1st Option (per usual)	2nd Option (blended)	3rd Option (virtual)	WHS 11
Case Studies	✓	✓	✓	
CD 10 & CBL 11 Moodle	✓	✓	✓	
Community Connections	✓	✓	✓	
Construction Association of NS	✓	✓	✓	
Design Thinking Challenges	✓	✓	✓	
Experiential Learning Projects	✓	✓		
NSCSA - CELT	✓	✓	✓	
Online Training Courses	✓	✓	✓	
Project Based Learning	✓	✓		
Role Plays	✓	✓	✓	
Skills NS Virtual/ In person workshops	✓	✓	✓	
St. John Ambulance - getlifsmart.ca WHMIS	✓	✓	✓	
Virtual Guest Speakers/Mentoring	✓	✓	✓	
Virtual Tours/Field Trips	✓	✓	✓	
WCB Moodle	✓	✓	✓	

Case Studies-based on workplace health and safety issues. How to handle a certain situation in a workplace setting, how could a workplace incident be prevented, etc. Teachers can host an online meeting and discuss case studies together. This is also a great school to school activity. Discuss with YPC.

CD 10 & CBL 11 Moodle - the CD 10 and CBL 11 renewed curriculum meets many of the outcomes that are delivered in WHS 11. Module 4 of each course will have learning experiences that can be applied to WHS 11.

Community Connections-reach out to Industries and employers who could help with mentoring and resources. Reach out to local businesses and discuss requirements and expectations surrounding workplace health and safety.

Construction Association of NS - [Video playlist](#) of Q&A's with employers in the construction industry.

Design Thinking Challenges-looking for problems and safety issues that exist due to COVID-19 and imagining and creating new solutions while exploring the impact on life, work and the future.

Experiential Learning Projects Within the School or Community- doing safety audits of school, community locations, etc.

Nova Scotia Construction Safety Association [CELT](#) construction entry level training. Safety training for students

Online Training Courses-start with safety training and look for safety certifications and courses required for students to participate in co-op placement of interest.

Project Based Learning: Using "big ideas" as a starting point, students learn through practical projects that require them to acquire a thorough understanding of the subject that they can apply in the real world.

Role Plays- between students that can be live supervised by the teacher or recorded and sent to the teacher (practicing interview skills, right to refuse unsafe work, etc.)

Skills NS Virtual/ In person workshops - students can engage in Essential Skills workshops, explore careers in trades and technology and learn what it takes to successfully enter the labour market

St. John Ambulance -<http://getlifsmart.ca/> - online WHMIS training

Virtual Guest Speakers/Mentoring- community members or employers; CANS Construction Career Q & A, IBM, Skills NS, Trucking Association of NS, etc.

Virtual Tours/Field Trips- what is out there already? Connect with partners to set this up. (Record so can be shared multiple times.) Include post-secondary campus/program tours.

Worker's Compensation Board (WCB): [NSVS Moodle](#) Resources related to workplace health and safety outcomes.