

## Course Outline

<b>Course Title:</b>	Health and Safety Theory Applications		
<b>Course Number:</b>	CNST159	<b>Approval Date:</b>	2020/8/30
<b>Course Hours:</b>	45 hours	<b>Academic Year:</b>	2020
<b>Academic School:</b>	School of Trades & Technology		
<b>Faculty:</b>	Susan Brown - Susan.Brown2@flemingcollege.ca		
<b>Program Co-ordinator or Equivalent:</b>	Susan Brown - Susan.Brown2@flemingcollege.ca		
<b>Dean (or Chair):</b>	Kris McBride - kristine.mcbride@flemingcollege.ca		

## Course Description

This course outline may reflect alternative deliveries and assessments in response to the Ontario Government health and safety requirements for COVID-19. Course and Program Learning Outcomes shall not be impacted by any changes.

This course has been designed for students entering trades and technology programs. The course will cover current legislation (O.H.S.A.) and health and safety procedures used in the industry. Students will obtain fundamental level safety certification in WHMIS, Fall Protection, Confined Space Identification, and Hoisting and Rigging. The theory for this course will be offered online and the application component will be offered onsite.

**Prerequisites:** None.

**Corequisites:** None.

## Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Apply applicable components of the Occupational Health and Safety Act to construction projects (OHSA).
2. Present a "safety talk" workshop to peers on how to establish and maintain a safe workplace.
3. Meet the requirements for certification in Hoisting and Rigging Basic Safety Training.
4. Meet the requirements for certification in WHMIS in Construction.
5. Meet the requirements for Introduction to Working at Heights Awareness

6. Meet the requirements for the introduction to Confined Space Awareness
7. Meet the requirements for Introduction to Lockout / Tag out Awareness.
8. Meet the requirements for Introduction to Trenching Hazard Awareness.

In addition to meeting the above Health and Safety outcomes, students will participate in a hybrid style course. Many Health and Safety training sessions used in industry are conducted online. This course will help the student to become familiar with this format.

## Learning and Technology Resources

Lecture Handouts, Lab Activities, Visual Media, Discussion Groups, Internet, Library, and any other resources provided throughout the duration of the course.

Downloadable Texts - available at <http://www.ihsa.ca/products/index.cfm>:

Construction Health and Safety Manual (Product No: M029)

Occupational Health and Safety Act & Construction Regulations (Online Version)

Required Texts:

Occupational Health and Safety Act and Regulations for Construction Projects (O. Reg. 213/91)

Construction Health and Safety Manual (IHSA Product No: M029) - also available online.

## Assessment Summary

Assessment Task	Percentage
Quizzes	90%
Presentations	10%

## Student Success: Policies and Procedures

Mutually, faculty and learners will support and adhere to college Academic Regulations, and Student Rights and Responsibilities. The following policies and guidelines have been developed to support the learning process.

Please click on the link for information about:

- [Academic Integrity \(2-201A\)](https://department.flemingcollege.ca/hr/attachment/7750/download)  
(<https://department.flemingcollege.ca/hr/attachment/7750/download>)
- [Accessibility for Persons with Disabilities \(3-341\)](https://department.flemingcollege.ca/hr/attachment/5619/download)  
(<https://department.flemingcollege.ca/hr/attachment/5619/download>)
- [Grading and Academic Standing \(2-201C\)](https://department.flemingcollege.ca/hr/attachment/7752/download)  
(<https://department.flemingcollege.ca/hr/attachment/7752/download>)

- [Guidelines for Professional Practice: Students and Faculty](https://flemingcollege.ca/PDF/guidelines-for-professional-practice-students-faculty.pdf)  
(<https://flemingcollege.ca/PDF/guidelines-for-professional-practice-students-faculty.pdf>)
- [Student Rights and Responsibilities \(5-506\)](https://department.flemingcollege.ca/hr/attachment/269/download)  
(<https://department.flemingcollege.ca/hr/attachment/269/download>)

If you will need academic accommodations (for example if you have a learning disability, mental health condition such as anxiety or depression or if you had an IEP in high school), please contact the [Accessible Education Services \(AES\)](https://department.flemingcollege.ca/aes/) department (<https://department.flemingcollege.ca/aes/>) to meet with a counsellor.

**Alternate accessible formats of learning resources and materials will be provided, on request.**

## Program Standards

The **Ministry of Colleges and Universities** oversees the development and the review of standards for programs of instruction. The **Ministry of Labour Training and Skills Development** oversees the development and the review of standards for programs of instruction for Apprenticeship training in the province of Ontario. Each college is required to ensure that its programs and program delivery are consistent with these standards, and must assist students to achieve these essential outcomes.

This course contributes to Program Standards as defined by the [Ministry of Colleges and Universities](#) (MCU). Program standards apply to all similar programs of instruction offered by colleges across the province. Each program standard for a postsecondary program includes the following elements:

- **Vocational standards** (the vocationally specific learning outcomes which apply to the program of instruction in question);
- **Essential employability skills** (the essential employability skills learning outcomes which apply to all programs of instruction); and
- **General education requirement** (the requirement for general education in postsecondary programs of instruction that contribute to the development of citizens who are conscious of the diversity, complexity and richness of the human experience; and, the society in which they live and work).

Collectively, these elements outline the essential skills and knowledge that a student must reliably demonstrate in order to graduate from the program. For further information on the standards for your program, follow the MCU link ([www.tcu.gov.on.ca/pepg/audiences/colleges/progstan/](http://www.tcu.gov.on.ca/pepg/audiences/colleges/progstan/)).

## Detail Plan

**Term:** 2021 Winter

**Session Code:** 1

**Faculty:** Jeff Hubers - Jeff.Hubers@flemingcollege.ca  
 Susan Brown - Susan.Brown2@flemingcollege.ca

**Program Co-ordinator or Equivalent:** Susan Brown - Susan.Brown2@flemingcollege.ca

**Dean (or Chair):** Katie Surra - Katie.Surra@flemingcollege.ca

## Learning Plan

Wks/Hrs Units	Topics, Resources, Learning, Activities	Learning Outcomes	Assessment
Unit 1	Introduction to the course (hybrid learning course 1h online and 2 hour lab each week) Introduction to Health and Safety basics, PPE and the OHSA	1	
Unit 1	OHSA and Regulations for Industrial Establishments and Construction Projects New and Young workers	1	Quiz #1: OHSA (10%) - online in D2L
Unit 2	Working at Heights Awareness Training (Pre-requisite for participating in the Approved Working at Heights (WAH) Practical course - student must sign up with Trades and Technology office when they have successfully completed the WAH theory module for the opportunity to acquire their Working at Heights certification.	1,5	Quiz # 2 - Working at Heights testing (15%) Workbook completion for testing
Unit 3	Confined Spaces Awareness Training	1,6	Quiz # 3 - Confined Spaces Awareness (10%) - online in D2L
Unit 4	Trenching Awareness Training	1,8	Quiz # 4 - Trenching Awareness (10%) - online in D2L
Unit 5	Lockout/Tagout Awareness Training	1, 7	Quiz # 5 - Lockout/Tagout Awareness (10%) - online in D2L

Wks/Hrs Units	Topics, Resources, Learning, Activities	Learning Outcomes	Assessment
Unit 6	Safe Work Places	1	Quiz # 6 - Safe Workplaces - (10%) - online in D2L
Unit 7	Hoisting and Rigging Basic Safety Training (Fleming Certificate)	1,3	Weekly Workbook Completion Hoisting and Rigging Quiz (10%) International Hand Signals Quiz (5%)
Unit 8	Safety talks and safety talk presentation	1-8	Safety Talk Presentation (10%) - in class
Unit 9	WHMIS- Workplace Hazardous Materials Information System	1,4	WHMIS Certification (10%) - test will be sent to your email account in Week 9

## Assessment Requirements

Assessment Task	Date/Weeks	Course Learning Outcome	Percentage
Quiz #1: OHSA - on D2L <input type="checkbox"/> Health and Safety basics, PPE and the OHSA <input type="checkbox"/> OHSA and Regulations for Industrial Establishments and Construction Projects <input type="checkbox"/> New and Young workers	Unit 1	1	10%
Quiz # 2 - Working at Heights - on D2L Workbook completion for testing	Unit 2	1,5	15%
Quiz #3 - Confined Spaces Awareness (on D2L)	Unit 3	1,6	10%

Assessment Task	Date/Weeks	Course Learning Outcome	Percentage
Quiz #4 - Trenching Awareness (on D2L)	Unit 4	1,8	10%
Quiz #5- Lock Out/ Tag Out Awareness (on D2L)	Unit 5	1,7	10%
Quiz #6 - Safe Workplaces (on D2L)	Unit 6	1, 4	10%
Hoisting & Rigging Testing <input type="checkbox"/> Hand Signals (100% Mandatory) <input type="checkbox"/> Knots (100% Mandatory) <input type="checkbox"/> Written Exam (80% Mandatory)	Unit 7	1, 3	15%
Safety Talks Presentation <input type="checkbox"/> Student will present a safety talk to the class specific to a component of their chosen industry	Unit 8	1-8	10%
WHMIS Certification test - will be sent to your Fleming email account	Unit 9	1-8	10%

**Your progress will be assessed every week. Attendance and participation is critical for your success. You must watch D2L for when the quizzes open and close. If you miss completing a quiz you will receive a grade of zero. Your instructor or coordinator will consider a makeup opportunity for valid reasons only.**

## Turnitin Statement

Students agree that by taking this course all required papers may be subject to submission for textual similarity review to Turnitin.com in support of academic integrity. All submitted papers will be included as source documents in the Turnitin.com reference database solely for the purpose of detecting plagiarism of such papers. Use of the Turnitin.com service is subject to the Usage Policy posted on the Turnitin.com site.

If students choose to opt out of using the software, they must inform their faculty member at the time of the assignment, of their refusal and meet with the faculty to discuss their options. For further information on the use of Turnitin, please refer to the [Operating Procedure 2-201F](https://department.flemingcollege.ca/hr/attachment/10233/download) (https://department.flemingcollege.ca/hr/attachment/10233/download)

## Respondus Monitor Statement

This course will use Respondus Monitor as a remote proctoring tool to support the administration of electronic examinations and assessments. Fleming College has an institutional license to use Respondus Monitor, a cloud-based service and software that captures video, audio, and other data during student assessment sessions for use in monitoring students. This data is accessible to, and may be used by, authorized individuals at the college to administer student assessments and manage the academic integrity of such assessments. The Student Terms of Use for Respondus Monitor must

be agreed to by users (e.g. students) prior to each use of the Respondus Monitor, available at: <https://web.respondus.com/tou-monitor-student/>

By accessing and using Respondus Monitor, you agree to the collection, use, disclosure and retention of your personal information (including personal images) by Respondus Inc. in accordance with its Privacy Policy, available at: <https://web.respondus.com/privacy-policy/>

Questions regarding the collection of your personal information may be directed Julie Middleton, Director of Counselling and Accessible Education Services via email: [julie.middleton@flamingcollege.ca](mailto:julie.middleton@flamingcollege.ca)

If students choose to opt out of using Respondus Monitor, they must inform their faculty member prior to the scheduled assessment, of their refusal and meet with the faculty to discuss their options.

## Prior Learning and Assessment and Recognition (PLAR)

PLAR uses tools to help learners reflect on, identify, articulate, and demonstrate past learning which has been acquired through study, work and other life experiences and which is not recognized through formal transfer of credit mechanisms. PLAR options include authentic assessment activities designed by faculty that may include challenge exams, portfolio presentations, interviews, and written assignments. Learners may also be encouraged and supported to design an individual documentation package that would meet the learning requirements of the course. Any student who wishes to have any prior learning acquired through life and work experience assessed, so as to translate it into a college credit, may initiate the process by applying through the Registrar's office. For more information please click on the following link: <http://flamingcollege.ca/admissions/prior-learning-assessment-and-recognition>

## Course Specific Policies and Procedures

It is the responsibility of the student to retain this course outline for future reference. Course outlines may be required to support applications for advanced standing and credit transfer to other educational institutions, portfolio development, PLAR and accreditation with professional associations.

**Synchronous sessions may be recorded. As a result, your image, voice, name, personal views and opinions, and course work may be collected under legal authority of section 2 of the Ontario Colleges of Applied Arts and Technology Act, 2002. This information will be used for the purpose of supporting student learning. Any questions about this collection can be directed to the Privacy and Policy Officer at [freedomofinformation@flamingcollege.ca](mailto:freedomofinformation@flamingcollege.ca) or by mail to 599 Brealey Drive, Peterborough, ON K9J 7B1.**

1. To gain the most possible benefits from this skill-developing course, students need to attend classes. Learning takes place when you become engaged in the learning process. Your instructor will be recording attendance data and will report absences, late arrivals and early departures to your program co-ordinator.

2. All tests and lab assignments have scheduled due/completion dates. Meeting these due dates is key to your success in this course; your instructor's feedback will add to your learning.
3. Therefore, you must write all tests with the class on the tests' assigned dates. As well, you must complete all lab assignments by the scheduled due date during the scheduled lab time.
4. You will receive a grade of zero for any test not written or lab assignment not completed unless you have made arrangements with your instructor PRIOR TO the due date in question.
5. Your instructor will consider a makeup for missed lab assignments or tests for valid reasons only; for example, documented illness or extenuating personal circumstances. These situations will be discussed on an individual basis.
6. You, the student, are responsible for making these arrangements; your learning and success in this course is a shared goal.
7. Final grades in this course are assigned based on the level of achievement that corresponds to the assessment components as cited in the course outline. It is important to note that faculty member(s) will not offer additional evaluation activities beyond those cited in the course outline.

#### LATE ASSIGNMENT POLICY

You must submit/present all written/oral assignments on their assigned dates unless you make specific arrangements in writing/voice mail/E-mail with your professor at least 24 hours prior to the due date in question. In the case of any emergency, make arrangements (in writing, if necessary) immediately upon your return.

Your professor will make special arrangements for valid reasons only. In the case of illness, you may be required to provide a medical note. Other extenuating circumstances will be discussed on an individual basis.

A penalty of 10% per day will be applied to an assignment not submitted by the original or extended due date. An assignment more than three days late will receive a grade of zero ("0"). Weekends are counted as two days. No assignment will be accepted after the last day of classes without prior arrangement with your professor.

#### ACADEMIC INTEGRITY

Fleming College opposes any form of academic dishonesty, such as plagiarism, submission of work for which credit has already been received; cheating, impersonation; falsification or fabrication of data; the acquisition of confidential materials, e.g., examination papers; misrepresentation of facts; altering transcripts or other official documents. Please see Academic Regulations Policy for more information on Academic Integrity.



