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Workplace Safety and Prevention (WSPG)

Ontario College Diploma | 5 semesters | Barrydowne

Many industries, ranging from the resource industries such as mining and forestry, to construction, manufacturing, power generation and health care are seeking specially trained workers to support and promote healthier and safer workplaces. The Workplace Safety & Prevention Technician program is a unique program designed to assist students in understanding current occupational health and safety legislation and then identifying, assessing, and managing risk in a variety of work environments. You will also be trained in areas of workplace wellness and human resource management. Graduates will be able to conduct risk assessments and common hygiene tests to prevent hazards and harm to workers, property, the environment, and the public. Students will also develop the skills necessary to identify and report on safety and health conditions in a workplace. This program combines on-site courses and synchronous virtual learning courses throughout all semesters.

Program Highlights

- 2 years – 5 semesters

Professional Certification (post graduation)

Graduates from the Technician diploma meet the academic requirements set out by the Board of Canadian Registered Safety Professionals (BCRSP) and are qualified to write the Canadian Registered Safety Technician (CRST) examination. Successful candidates will receive the CRST designation. Upon completion of additional relevant occupational health and safety experience, graduates will be able to apply for the Board of Registered Safety Professional (CRSP) certification.

Quick Links

[How to Apply](#)

[Engineering Technology](#)

Admission Requirements

For graduates of the new curriculum (OSS): Ontario Secondary School Diploma (30 credits) or equivalent or mature student status, including:

- Any grade 12 English (U) or (C)

- Any grade 11 mathematics (U), (C) or (M)
- Any grade 11 chemistry (U) or grade 12 chemistry (U) or (C) or grade 11 biology (U) or (C) or grade 12 biology (U)

APPLY NOW!

Program Delivery

2022-2023

This program will be delivered in the following terms:

Fall Term Start

1. **SEMESTER 1** Fall 2022
2. **SEMESTER 2** Winter 2023
3. **SEMESTER 3** Fall 2023
4. **SEMESTER 4** Winter 2024
5. **SEMESTER 5** Spring 2024

For specific term start/end dates and other key dates/deadlines, please see the [Academic Schedule](#) on our website.

Program of Study for 2022-23 Academic Year

SEMESTER 1		CREDITS
ENG 1002	College Communications	3
OHD 1000	Occupational Health and Safety	3
TRN 1001	Training and Development	3
CMP 1011	Computer Applications	3
PSY 2700	Client Comm. & Leadership Develop	3
BIO 1123	Introduction to Biology	3
One General Education course. ²		3
Credits		21
SEMESTER 2		
LDC 1000	Ethical Leadership	3
OHS 1012	OHS Management Systems	3
IND 1062	Indigenous Perspectives on Care	3
HEA 1051	Health and Wellness	3
CHM 1256	Chemistry OHS Fundamentals	4
LAW 1031	Employment Law	3
One General Education course. ²		3
Credits		22
SEMESTER 3		
ENG 1754	Technical Communication	3
BUS 2040	Organizational Behavior	3
OHS 1013	Ergonomics	3
OHS 1014	Risk Management	3
OHS 1015	Disability Management	3

OHS 1016	Accident Prevention and Invest	3
One General Education course. ²		3
Credits		21
SEMESTER 4		
OHS 1017	Ind. Hygiene and Toxicology	3
OHS 1018	Ind. Hygiene and Toxicology Lab ¹	3
ENV 1120	Environmental Management	4
OHS 1021	Operational Safety	5
OHS 1019	Introduction to Process Safety	3
OHS 1020	Emergency Planning and Mgmt	3
Credits		21
SEMESTER 5		
FPL 1002	Field Placement	7
Credits		7
Total Credits		92

¹ Course with Lab component.

² For more information regarding General Education courses, click [here](#).

Fees

Tuition and Ancillary Fees

Please see our [fees page](#) for the breakdown of tuition and mandatory ancillary fees by program and semester for both domestic and international students.

Books & Supplies

The cost of books and supplies for Year 1 is approximately \$1,500. Any voluntary student certification will have additional fees. This is the best information available at the time of publishing to the website and is subject to change.

Graduate Options

Employment Opportunities

Graduates are prepared for employment opportunities as:

- Health and Safety Technicians
- Safety Specialists
- Occupational Health and Safety Officers
- Health and Safety Team Leaders

College/University Degree Opportunities

Graduates from this program may continue their studies at college/university and may receive credit for their prior College education.

Refer to [College/University Agreements](#) for further information.

Please note: Cambrian College strives to ensure the accuracy of the information on this website. Please note that the academic curriculum is continually reviewed and revised to ensure that Cambrian's programs and courses remain relevant. The College reserves the right to

cancel or make changes to any course or program, fee, procedure, or campus location at any time.