

WORKPLACE SAFETY & PREVENTION (WSP)

About the Program

This two-year diploma program is the first of its kind in the GTA. It is uniquely designed to meet the growing need for enhanced workplace health and safety in every industry. You will develop strong foundational knowledge in health and safety to identify, manage and assess risks in various workplace settings. This program will also focus on the policies and procedures in the care and prevention practice. You will apply concepts and theories with practical experience in field placements and graduate with the skills needed to identify and report on safety and health conditions in the workplace.

Credential Awarded

Ontario College Diploma

Duration

4 Semesters (2 Years)

Starts

September

Program and Course Delivery

This program is offered in Seneca's hybrid delivery format with some courses available in Seneca's flexible delivery format. Some coursework is online and some must be completed in person. Students will need to come on campus to complete in-person learning requirements. For courses offered in the flexible delivery format, professors use innovative learning spaces and technology to teach students in a classroom or lab and broadcast in real time to students attending remotely. In flexible courses, students have the choice of coming on campus or learning online.

Skills

Throughout this program you will develop the following skills:

- Develop and implement health and safety policies
- Develop and facilitate health and safety training
- Conduct accident investigations and emergency response plans

Work Experience

Students will be exposed to their professional environment by completing a 14-week mandatory field placement in semester three. The field placement is two days per week totaling 16 to 20 hours and is paid or unpaid depending on the employer. In semester two students will prepare for field placement in the Workplace Preparation course; gaining skills in resume and cover letter building, interviewing, job search and more.

Students must be in good academic standing and meet all requirements prior to participating in field placement. Successful completion of field placement is required for graduation. Eligibility for participation does not guarantee that a particular placement will be secured.

Your Career

As a graduate of this program, you may pursue future career options, such as:

- Safety inspector
- Auditor
- Risk management
- Emergency management
- Environmental management
- Human resources management

Program of Study

Course Code	Course Name	Weekly Hours
Semester 1		
CHM170	Introduction to Chemistry	5
COM101	Communicating Across Contexts	3
or COM111	Communicating Across Contexts (Enriched)	
COM470	Interpersonal Communication	3
HRA848	Training Techniques and Practices	3
OHS106	Occupational Health and Safety	3
plus: General Education Course (2)		6
Semester 2		
BIO210	Anatomy and Physiology of Wellness	4
HRA855	The Legal Environment	3
MGS521	Business Ethics and Values	3
OHS200	Workplace Preparation	1
OHS203	OHS Management Systems	3
OHS304	Health and Wellness	3
plus: General Education Course (1)		3
Semester 3		
OHS201	Ergonomics	3
OHS202	Risk Management	3
OHS204	Accident Prevention and Invest	3
OHS205	Disability Management	3
OHS501	Field Placement	3
Semester 4		
HRA742	Organizational Behaviour	3
OHS300	Industrial Hygiene and Toxicology	3
OHS301	Emergency Planning and Management	3
OHS305	Operational Safety	3
OHS306	Introduction to Process Safety	3
OHS400	Industrial Hygiene and Toxicology Lab	3
OHS401	Environmental Management	3

Note: The following course will not fulfil a General Education requirement: COM470 Interpersonal Communication.

Program Learning Outcomes

This Seneca program has been validated by the Credential Validation Service as an Ontario College Credential as required by the Ministry of Colleges and Universities.

As a graduate, you will be prepared to reliably demonstrate the ability to:

- Develop, implement and evaluate organizational health and safety policies and practices that adhere to government legislation, regulations and guidelines
- Develop and facilitate Health and Safety training for workers with the goal of increasing safety and preventing accidents
- Conduct accident investigations, emergency response plans, injury prevention plans and root cause analysis documentation that follow workplace safety protocols
- Identify and evaluate biological, physical, chemical, and psycho-social hazards and apply safety systems in the workplace to manage risk.
- Facilitate and support an effective health and safety program in both non-union and union environments
- Research existing industry standards, produce reports and provide recommendations for changes for continuing improvement of the health, safety, disability, ergonomic, emergency and environmental management systems
- Manage human resources in a diverse workplace to facilitate change and policy compliance
- Communicate effectively using oral, written, and computer information systems to promote a strong internal workplace safety prevention culture

Admission Requirements

- Ontario Secondary School Diploma (OSSD), or equivalent, or a mature applicant (<https://www.senecapolytechnic.ca/registrar/canadian-applicants/admission-requirements/mature-applicants.html>)
- English: Grade 12 C or U, or equivalent course
- Chemistry: Grade 12 C or Grade 11 U, or Biology Grade 11 C or U, or equivalent course

Canadian citizens and permanent residents may meet English requirements for this program through successful Seneca pre-admission

testing. (<https://www.senecapolytechnic.ca/registrar/canadian-applicants/admission-requirements/mature-applicants.html>)

Recommended upgrading for applicants who do not meet academic subject requirements. (<https://www.senecapolytechnic.ca/registrar/canadian-applicants/admission-requirements/upgrading-options.html>)

Notes

Although only one senior Biology or senior Chemistry course is required for admission, completing one of each is recommended for your success in the program.

International Student Information

International admissions requirements vary by program and in addition to English requirements (<https://www.senecapolytechnic.ca/international/apply/how-to-apply/admission-requirements/english-requirements.html>), programs may require credits in mathematics, biology, and chemistry at a level equivalent to Ontario's curriculum, or a postsecondary degree or diploma, equivalent to an Ontario university or college. Program-specific pre-requisite courses and credentials are listed with the admission requirements on each program page. To review the academic requirements please visit: Academic Requirements - Seneca, Toronto, Canada ([senecapolytechnic.ca](https://www.senecapolytechnic.ca)) (<https://www.senecapolytechnic.ca/international/apply/how-to-apply/admission-requirements/academic-requirements.html>).

Pathways

As a leader in academic pathways, we offer a range of options that will allow you to take your credential further in another Seneca program or a program at a partner institution.

To learn more about your eligibility, visit the Academic Pathways (<https://www.senecapolytechnic.ca/pathways.html>) web page.