

**Certificate (Part-time Continuing Education ) (3260)**

705.759.6700 : 1.800.461.2260 : [www.saultcollege.ca](http://www.saultcollege.ca) : Sault Ste. Marie, ON, Canada



## PROGRAM OVERVIEW

There is a growing concern for the safety of people in their work environments and the related hazards that may be found therein. Prompted by governments and their agencies, labour and management have identified the need for greater experience, knowledge and expertise in the field of occupational health and safety for the protection of people in the workplace. This program provides you with solid training in the required practices of occupation health and safety. In addition to providing the fundamentals, the program also incorporates components that provide you with the knowledge to oversee workplace safety programs and offer solutions.

Successful Completion of this certificate program may meet the eligibility requirements for CRST certification.

For more information regarding CRST certification, please refer to the CRST certification requirements at the following link.

<https://www.bcrsp.ca/prospective-certificants/about-crst-certification>

All courses are offered online via the internet. Online courses begin every January, May and September.

This program is not eligible for OSAP funding. Courses within this program must be completed within 7 years, unless otherwise specified.

## ADMISSIONS

### MINIMUM ACADEMIC REQUIREMENTS

Ontario Secondary School Diploma with Grade 12 English (ENG4C) or mature student status.

### ACADEMIC RECOMMENDATIONS

Familiarity with computers and the Internet in general.

## CAREER PATHS

Occupational health and safety practitioners work in government, business and industry; all environments in which potential hazards to safety and health must be identified and controlled.

For more details on related occupations, job market information and career opportunities, see the Government of Canada website: <https://www.jobbank.gc.ca/>

## PROGRAM OF STUDY

## **SEMESTER 1**

OEL1092-3 Legislation for Health and Safety

OEL1093-3 Environment Management: An Introduction

OEL125-3 Occupational Health & Safety

OEL525-2 Management Labour Concerns in Occupational Health and Safety

OEL569-3 Industrial Hygiene

OEL595-3 Fire Protection

OEL724-3 Ergonomics

## **Course Descriptions**

### **Semester 1**

#### **Legislation for Health and Safety (OEL1092) (3 credits)**

This course covers the various jurisdictions; how to locate the specific legislation; the interface between the statutes, regulations, codes, and standards; the obligations of employers and of employees; the Workplace Safety and Insurance Act and Regulations, filing claims, entitlement decision making, benefits, appeals, and re-employment.

#### **Environment Management: An Introduction (OEL1093) (3 credits)**

This course facilitates the development of analytical and evaluation skills required in the management of environmental issues. You will gain a better understanding of the complexity of environmental policies, legislation procedures, and familiarity with the implications and effects of environmental management strategies. The application and development of site inspections and program auditing are explored to assist in the recognition and analysis of potential environmental risks as they would apply in the development of an environmental management system.

#### **Occupational Health & Safety (OEL125) (3 credits)**

This course introduces participants to the broad and ever-changing field of occupational health and safety, an inherently technical subject area. The multiple dimensions of the various issues-technical, legislative, political, and personal-are a required part of the training for a professional in this field or for someone who is involved with this kind of operation. Major topic areas include the Occupational Health and Safety Act, WCB, WHMIS, transportation of dangerous goods, accident prevention and investigation, physical and biological agents, and the management of Occupational Health and Safety programs.

#### **Management Labour Concerns in Occupational Health and Safety (OEL525) (2 credits)**

Emerging trends and current management issues, concepts, and practices pertaining to the field of occupational health and safety are examined. Discussion focuses on several functional characteristics within organizations that pose unique challenges for the practitioner attempting to effectively manage resources, both material and human.

#### **Industrial Hygiene (OEL569) (3 credits)**

Workplace safety encompasses the anticipation, recognition, evaluation and control of chemical, physical and biological hazards arising in or from the workplace. Workplace Hazardous Materials Information System (WHMIS) and other relevant legislation are explored.

#### **Fire Protection (OEL595) (3 credits)**

This course provides students with specific knowledge related to fire and life safety. Topics include the chemistry and physics of fire, building design for life safety, and other aspects of fire and life safety. Applicable legislation related to fire and life safety is also covered.

#### **Ergonomics (OEL724) (3 credits)**

An overview of ergonomic principles will highlight basic worksite investigation and familiarization with basic principles relating to anatomy, biomechanics, physiology, manual material handling, cumulative

trauma disorders and office ergonomics.