

## COURSE HCS3000: WORKPLACE SAFETY

**Level:** Advanced

**Prerequisite:** None

**Description:** Students gain the attitudes, knowledge, and skills related to workplace health and safety and examine relevant legislation required in the workplace.

**Parameters:** Access to appropriate classroom and experiential learning opportunities, including contact with individuals with cluster-specific credentials, career practitioners, and relevant employers having current health and safety knowledge and experience; for example, Certificate of Recognition (COR).

**Note:** This course is also the prerequisite course for all off-campus learning experiences.

**Supporting Resources:** *Workplace Health and Safety Teacher Resource Binder 1 & 2*  
Certifying Partners ([www.whs.gov.ab.ca/partners/certpartners.htm](http://www.whs.gov.ab.ca/partners/certpartners.htm))

**Outcomes:** The student will work toward the following learning outcomes:

### 1. Describe and explain workplace health and safety management systems.

1.1 Identify and describe the following eight elements of a health and safety management system:

- 1.1.1 management, leadership, and organizational commitment
- 1.1.2 hazard identification and assessment
- 1.1.3 hazard control
- 1.1.4 ongoing inspections
- 1.1.5 qualifications, orientations, and employee training
- 1.1.6 emergency response
- 1.1.7 incident reporting and investigations
- 1.1.8 health and safety management system administration

1.2 Explain the workplace health and safety implications of each of the elements.

1.3 Identify, in samples taken from specific worksites or workstations, elements of health and safety management systems.

### 2. Recognize and incorporate hazard identification, assessment, and control.

2.1 Predict and list hazards within a work environment particular to a variety of worksite/workstation locations (e.g., office, retail, restaurant; theatre, TV studio, film location; child care, health centre, fitness centre; construction, warehousing, manufacturing; oil well site, forestry lease, mine).

2.2 Distinguish between the five types of hazards (e.g., chemical, physical, ergonomic, biological, psychosocial) and provide examples of each from home, school, or work.

2.3 Explore types of hazards commonly found in a specific occupational area or workplace.

2.4 Explain and apply terms related to hazard identification, assessment, control (e.g., hazard, risk, exposure, incident, injury, monitor).

2.5 Differentiate between hazard and risk.

2.6 Demonstrate the ability to communicate information appropriately about a hazard and hazard prevention practices to others (e.g., fellow students or workers, other employees, supervisor, teacher, parent, employer).

- 2.7 Predict potential consequences of hazards left unattended.
- 2.8 Apply the progressive steps in a prevention strategy (e.g., hazard, exposure, incident, injury).
- 2.9 Develop a plan to control potential hazards identified in a selected workplace.
- 3. Identify and incorporate legislation related to the workplace.**
  - 3.1 Research and summarize workplace legislation particular to a worksite/workstation, including the following:
    - 3.1.1 Occupational Health and Safety (OHS) Act, Regulation and Code
    - 3.1.2 Workers' Compensation Act
    - 3.1.3 Employment Standards Code
  - 3.2 Develop a glossary of relevant workplace terms (e.g., employer, worker, contractor, joint health and safety committee, responsibilities, hazard, personal protective equipment, fall protection, scaffolding, incident, investigation, muster point, Certificate of Recognition [COR], Partners in Injury Reduction [PIR]).
  - 3.3 Differentiate between the worker and employer.
  - 3.4 Explain "responsibilities," as identified in OHS legislation.
  - 3.5 Describe the "responsibilities" of employers and workers.
- 4. Demonstrate basic competencies.**
  - 4.1 Demonstrate fundamental skills to achieve the following:
    - 4.1.1 communicate
    - 4.1.2 manage information
    - 4.1.3 use numbers
    - 4.1.4 think and solve problems
  - 4.2 Demonstrate personal management skills to achieve the following:
    - 4.2.1 demonstrate positive attitudes and behaviours
    - 4.2.2 be responsible
    - 4.2.3 be adaptable
    - 4.2.4 learn continuously
    - 4.2.5 work safely
  - 4.3 Demonstrate teamwork skills to achieve the following:
    - 4.3.1 work with others
    - 4.3.2 participate in projects and tasks
- 5. Create a transitional strategy to accommodate personal changes and build personal values.**
  - 5.1 Identify short-term and long-term goals.
  - 5.2 Identify steps to achieve goals.