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# ACRF 1100: Occupational Safety

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## EFFECTIVE DATE

September 2021

## DEPARTMENT

Automotive Collision Repair

## DESCRIPTION

Students learn their rights and responsibilities in the workplace according to local, Provincial and National safety regulations and to identify job hazards and provide a safe workplace. The course focuses on Workplace Hazardous Materials Information Systems (WHMIS), fire prevention, personal protective equipment (PPE), emergency procedures and environmental safety such as hazardous material handling, storage and disposal. Additionally, students are introduced to vehicle hazards such as alternate fuel and electric vehicles, supplemental Restraint Systems (SRS).

## CREDITS

2.5

## YEAR OF STUDY

1st Year Post-secondary

## PREREQUISITES

None

## COREQUISITES

None

## COURSE LEARNING OUTCOMES

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

- Describe workers rights and responsibilities in the workplace according to local, Provincial and National safety regulations and to identify job hazards and provide a safe workplace.
- Create and maintain a safe environment when performing work duties in the workplace in compliance with local, Provincial and National safety regulations.
- Describe vehicle hazards and precautions associated with vehicle handling and repair processes.
- Describe fire safety prevention, extinguishing and storage procedures and equipment according to local, Provincial and National safety regulations and fire safety standards.

- Use the Workplace Hazardous Materials Information System (WHMIS) in the workplace in compliance with Provincial and National regulations.
- Use personal protective equipment (PPE) and safety equipment in the workplace in compliance with Provincial and National regulations.

## PRIOR LEARNING ASSESSMENT & RECOGNITION (PLAR)

None

## HOURS

Lecture: 50

## INSTRUCTIONAL STRATEGIES

Instructional strategies include: Lectures, demonstrations, group work, individual work, and project work in an authentic shop environment. Course evaluation is based on theory assignments and the students' ability to create and maintain a safe working environment.

## GRADING SYSTEM

Percentages-ITA

## PASSING GRADE

70%

## EVALUATION PLAN

Type	Percentage	Assessment activity
Quizzes/Tests	30	Formative theory (quizzes and assignments)
Exam	20	Summative theory
Lab Work	30	Integrated safety performance evaluations. This mark is taken from other program courses with safety components.
Participation	20	Active participation, teamwork.

## COURSE TOPICS

- Occupational Health and Safety
- Hazardous Materials
- Workplace Hazardous Materials Information System (WHMIS)
- Fire Safety

- Vehicle and Components Handling Safety

## LEARNING RESOURCES

None

Notes:

- Course contents and descriptions, offerings and schedules are subject to change without notice.
- Students are required to follow all College policies including ones that govern their educational experience at VCC. Policies are available on the VCC website at:  
<https://www.vcc.ca/about/governance--policies/policies/>.
- To find out how this course transfers, visit the BC Transfer Guide at <https://www.bctransferguide.ca>.

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### Broadway campus

1155 East Broadway  
Vancouver, B.C. Canada  
V5T 4V5

### Downtown campus

250 West Pender Street  
Vancouver, B.C. Canada  
V6B 1S9

### Annacis Island campus

1608 Cliveden Avenue  
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