

Associate Degree in Occupational Health and Safety (OHS 1433) Industrial / Occupational Hygiene

Course Description

Workplaces typically represent many unseen but highly hazardous risks, including air quality, sound pressures, temperature extremes, workstation design, and more. Knowing basic identification and management principles to deal with these common workplace hazards will enable a more effective health, safety, and environmental management program.

Learning Objectives

Students who complete this course will learn:

- Key concepts within the discipline of occupational hygiene
- The occupational hygienist's role and why it is important
- The professional ethics of occupational hygiene
- The types of health effects caused by occupational hazards
- The functions of major body systems and how they could respond to hazards
- The principles of assessing hazards and risks and hazard control
- How to test different options when making an ethical decision
- The concepts of Occupational Exposure Limits and Threshold Limit Values
- Hazard communication requirements of the Workplace Hazardous Materials Information System (WHMIS) and the Globally Harmonized System of Classification and Labelling of Chemicals (GHS)
- How to find information about chemicals through Safety Data Sheets (SDS)
- How to measure and evaluate, and control other categories of physical hazards in the workplace such as noise, radiation and vibration, and temperature extremes
- Musculoskeletal disorders (MSDs) and the ergonomic factors that contribute to them
- The basic methods of assessing ergonomic hazards and how to control them
- The causes and effects of workplace stress
- How organizational culture and health and safety culture influence workplace health

Grade Scheme: Letter Grade

Minimum Pass: 60%

Deliverables:

- Discussion Postings
- Written/Research Assignments
- Quizzes
- Final Exams

*Please note that this document is for marketing purposes and that the details of the course including grading and objectives may change or vary.

Grade	Grade Point Average (GPA)	Percentage	Explanation
A+	4.3	90-100%	Outstanding
A	4.0	85-89%	Excellent
A-	3.7	80-84%	Very Good
B+	3.3	77-79%	Good
B	3.0	73-76%	Good
B-	2.7	70-72%	Good
C+	2.3	67-69%	Satisfactory
C	2.0	63-66%	Satisfactory
C-	1.7	60-62%	Satisfactory
F	0.0	0-59%	Failure