

Certificate in Occupational Health, Safety & Environmental Systems (OHS 130) Hazard Identification, Risk Assessment & Controls

Course Description

In this course, students learn several basic risk assessment tools and the skills necessary to mitigate risk proactively. Students will learn how to apply these tools by becoming familiar with the process, needed resources, and practical examples for various methods. The intended outcome for these tools and skills is to foster collaboration with stakeholders to identify and prioritize workplace risks.

Learning Objectives

Students who complete this course will learn:

- How hazard identification, risk assessment, and controls fit within the planning section of the ISO 45001 standard and the benefit of their use
- The difference between hazards, risks, and controls, and the factors that influence each
- The components of a Hazard Identification, Risk Assessment, and Controls program
- How to develop and implement the components of a Hazard Identification, Risk Assessment, and Controls program
- How to apply the ISO 31000 Standard's processes involving the systematic application of program elements into the activities of communicating and consulting, establishing context, assessing, treating, monitoring, reviewing, recording, and reporting risk
- When hazard identification and risk assessments should occur
- The basis of the Prevention through Design (PtD) concept
- The details of different types of hazard identification, risk assessment, and control tools, and when to use them

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
A+	4.3	90-100%
A	4.0	85-89%
A-	3.7	80-84%
B+	3.3	77-79%
B	3.0	73-76%
B-	2.7	70-72%
C+	2.3	65-69%
C	2.0	60-64%
C-	1.7	55-59%
D	1.3	50-54%
F	0.0	0-49%