

Certificate in Occupational Health, Safety & Environmental Systems (OHS 115) Incident Investigation & Response

Course Description

This course introduces the basic concepts of incident causation and investigation with the intention of using those concepts for the strategic development of occupational health, safety and environmental processes within an organizational context. Students will learn how to apply the content to a wide variety of industrial and commercial settings, as well as many different types of organizations.

Learning Objectives

Students who complete this course will learn:

- The intent, steps, values and benefits of an incident investigation
- To analyse the human, situational, and environmental factors contributing to incidents
- Different causation models and their importance
- How to identify the stakeholders in the investigation process
- How to examine various facets of planning and preparation, including written plans, emergency response planning, and emergency communication
- The impact of legal requirements on incident planning
- The steps of data collection, including research, investigation, interviews, and observation
- How to recognize bias and how to prevent it
- The basic principles of incident analysis to determine how to gather information to analyze the human, situational, and environmental factors contributing to incidents
- How classifications and models for incidents interrelate and how safety theories relate to safety practice, risk, and risk perception
- To evaluate systems-based and causal-based approaches to safety preventability theories
- How to initiate an investigation and safety program that incorporates organizational values
- Change management techniques that can be used before, during, and after an investigation
- How organizational values and ethics affect safety and safety programs within organizations

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%