

Associate Degree in Occupational Health and Safety (OHS 1703) Fire Management

Course Description

This course is meant to broaden one's knowledge and skills in fire safety. It will cover the standards and requirements for a Fire Prevention and Management Program and a range of fire prevention, protection, and suppression systems. It provides students with the foundation to carry out fire risk assessments and embed good practice based on an understanding of proactive life safety elements and reactive emergency management.

Learning Objectives

Students who complete this course will learn:

- The financial, moral, social, and legal consequences of poor fire safety management
- The role of national governments and international bodies in formulating a framework for the regulation of fire safety
- The main sources of external fire safety information and the principles of their application
- The requirements for recording and reporting fire-related incidents
- The principles of the combustion process in relation to fire safety
- The principles and conditions for the ignition of solids, liquids, and gasses
- The classification of fires and their characteristics
- Appropriate control measures to minimize fire risks and explosions
- The means of fire protection and prevention of fire and smoke spread within buildings in relation to building construction and design
- The methods and systems available to give early warnings in case of fire – for both life safety and property protection
- The selection procedures for basic fire extinguisher methods- for both life risk and process risk
- The steps to minimize the environmental impact of fire and fire-fighting operations
- The development and maintenance of a fire evacuation procedure
- The aims and objectives of fire safety and risk assessments
- The principles and practices of fire safety risk assessments including principles of prevention

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