

SYST: Introduction to Health and Safety Management Systems

Credits: 10 NFQ Level: 6 Module Delivered In 1 programme(s). Taching & Learning This module will be taught by Lectures, in class discussions, case studies, readings, and self-directed learning. Online delivery will be supported by blackboard collaborate. Module Alm: The aim of the module is to provide the student with an understanding of the operation of Health and Safety in the workplace and an understanding on the role of a safety management system. Learning Outcomes The aim of the module is to provide the student with an understanding of the operation of Health and Safety. L01 Explain the key requirements of the legislation relating to Health and Safety. L02 Discuss the various staff roles in the management of a Health and Safety structure. L03 Analyse the need to have health and safety procedures in place to comply with best practice L04 Understand the contents of a Safety Management System and how it differentiates from a standard safety management structure. L05 Understand the planning and implementation process of an SMS Pre-requisite learning (or a practical skill) that is recommended before enrolment in this module. No incompatible Modules These are modules listed Co-requisite modules listed Co-requisite Modules No incompatible modules listed Requisments Rodue Recom	Module Title:			Introduction to Health and Safety Management Systems	
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SYST: Introduction to Health and Safety Management Systems

Module Content & Assessment

Indicative Content

Health and Safety Legislation - Introduction

· Legislation · Role of Health and Safety Authorities · Accident reporting procedures

Health & Safety Management

• Definitions of key safety terminology • Hazard identification and risk assessment • Duties of all staff • Safety statements • Inspections and accident and incident investigation

Safety Management Systems (SMS)

Definition and requirement
 Key components of SMS
 Differentiation with standard safety management structures

Planning & Implementing SMS • Role of SMS in decision making process • Gap analysis • Developing an implementation plan • Documentation management

Evaluating SMS Effectiveness • Managing SMS • Auditing SMS • Safety investigation

Key definitions

Hazard • Risk Assessment • Safety assurance • Safety Management System (SMS) • Safety Policy • Safety promotion • Safety Risk Management (SRM) • Severity • Gap Analysis • Safety Risk

H&S Communication

Methods of Communication; Requirements for effectively communicating H&S; One way/Two way communication;

Duties of Staff The 4 Ps: Managing and conducting work activities safely and without risk to health... - People - Place - Plant/Equipment - Procedures Consultation • Safety Representative. • Union Representative. • Management/Directors. • Employees. • Safety Committee. • Specialists.

Limiting Organizational E xposure to Risk

Methods of risk identification and classification (SMBWA, GC etc.). • Different strategies for managing risk. • Principles of prevention and hierarchy of controls. • Practical examples.

Risk Management Strategies

Avoid ... Where an alternative strategy is adopted, so the risk is removed • Reduce .. Where actions are taken to reduce the effects that the risk could pose • Transfer .. Where the risk is moved to another party • Accept .. Where the possible consequences are wholly or partly accepted

Assessment Breakdown	%
Continuous Assessment	60.00%
End of Module Formal Examination	40.00%

Continuous Assessment					
Assessment Type	Assessment Description	Outcome addressed	% of total	Assessment Date	
Written Report	Learners will be required to demonstrate the achievement of the learning outcomes through continuous assessment work. This work may take the form of an essay, exam, project, MCQ test, but is not limited to these formats. In writing the assignment learners should rely on material presented during the lectures, material from the module reading lists, and other relevant research should outline any positions taken on key issues.	1,2,3	60.00	Sem 1 End	

No Project

No Practical

End of Module Formal Examination					
Assessment Type	Assessment Description	Outcome addressed	% of total	Assessment Date	
Formal Exam	Learning Outcomes Assessed, All	1,2,3,4,5,6	40.00	End-of-Semester	

SETU Carlow Campus reserves the right to alter the nature and timings of assessment



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Module Workload

Workload: Part Time		
Workload Type	Frequency	Average Weekly Learner Workload
Lecture	Per Semester	1.28
Independent Learning	Per Semester	8.72
	Total Hours	250.00

Module Delivered In					
Programme Code	Programme	Semester	Delivery		
CW_BSFOP_D	Bachelor of Science in Flight Operations	1	Mandatory		