

Module Title:	Health and Safety
Language of Instruction:	English
Credits:	5
NFQ Level:	7
Module Delivered In	1 programme(s)
Teaching & Learning Strategies:	It is envisaged that this module will prominently take place online using the college VLE Blackboard, along with some face to face classes at the start and during the term. Online class will take place one evening a week on a set day and time. Online lectures will incorporate a mixture of presentations, example and student exercises/problem-solving, question and answer sessions, group discussions along with online resources.
Module Aim:	This module covers the key requirements of the health and safety legislation including Machinery Directives, the role and contents of the safety statement and accident prevention within an industrial environment.
Learning Outcomes	
<i>On successful completion of this module the learner should be able to:</i>	
LO1	Demonstrate knowledge of the key requirements of the Safety Health and Welfare at Work framework legislation including the Machinery Directive 2006/42/EC
LO2	Explain the concept of risk management and apply the hazard identification and risk assessment process
LO3	Implement accident reporting and investigation in accordance with legislative requirements.
LO4	Demonstrate a working knowledge of a Safety Statement and its content.
Pre-requisite learning	
Module Recommendations <i>This is prior learning (or a practical skill) that is recommended before enrolment in this module.</i>	
No recommendations listed	
Incompatible Modules <i>These are modules which have learning outcomes that are too similar to the learning outcomes of this module.</i>	
No incompatible modules listed	
Co-requisite Modules	
No Co-requisite modules listed	
Requirements <i>This is prior learning (or a practical skill) that is mandatory before enrolment in this module is allowed.</i>	
No requirements listed	

Module Content & Assessment

Indicative Content

Key requirements of the Safety Health and Welfare at Work framework

Health & Safety Legislation, Role of the HSA, Role of the Safety Representative, Duties of employers and employees, Concept of expert advice

Risk management, Hazard identification and risk assessment process

Risks & hazards, Hazard identification check lists, Risk management, Risk assessment, Hazard identification process

Importance of accident reporting and investigation

Accidents, Causes of accidents, Accident reporting documents, Accident investigation and recommendations

Contents and Functions of a Safety Statement

Safety Statements, Contents of a safety statement

Machinery Directive

Health and safety requirements of the Machinery Directive 2006/42/EC including risk assessments, machinery directives and directives relevant to control systems.

Assessment Breakdown

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

Continuous Assessment

Assessment Type	Assessment Description	Outcome addressed	% of total	Assessment Date
Written Report	Complete a detailed risk assessment of an industrial application utilising correct procedure and technique.	2	20.00	Week 9
Case Studies	Industrial accident case study review and analysis	1,3	20.00	n/a

No Project

No Practical

End of Module Formal Examination

Assessment Type	Assessment Description	Outcome addressed	% of total	Assessment Date
Formal Exam	Examination of theory and concepts	1,2,3,4	60.00	End-of-Semester

Continuous Assessment

Assessment Type	Assessment Description	Outcome addressed	% of total	Assessment Date
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No Project

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End of Module Formal Examination

Assessment Type	Assessment Description	Outcome addressed	% of total	Assessment Date
Formal Exam	Examination of theory and concepts	1,2,3,4	60.00	End-of-Semester

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

Module Workload

Workload: Full Time		
<i>Workload Type</i>	<i>Frequency</i>	<i>Average Weekly Learner Workload</i>
Online Learning (Moderated)	Every Week	2.00
Independent Learning Time	Every Week	7.00
Total Hours		9.00

Workload: Part Time		
<i>Workload Type</i>	<i>Frequency</i>	<i>Average Weekly Learner Workload</i>
Online Learning (Moderated)	Every Week	2.00
Independent Learning Time	Every Week	7.00
Total Hours		9.00

Module Delivered In

Programme Code	Programme	Semester	Delivery
CW_EMIMC_D	Batchelor of Science in Industrial Measurement and Control	2	Mandatory