

Module Title:	Industrial Compliance, Safety and Law
Language of Instruction:	English
Credits:	5
NFQ Level:	7
Module Delivered In	2 programme(s)
Module Aim:	To give students an understanding of compliance, safety, and law with respect to industrial settings. To discuss the major components of key Irish health and safety legislation. To apply the concepts of hazard identification, risk assessment, and controls to work situations.
Learning Outcomes	
<i>On successful completion of this module the learner should be able to:</i>	
LO1	To recognise ergonomic, mechanical, chemical, and psychosocial hazards in the Irish workplace setting and make recommendations to mitigate the associated risks.
LO2	To explain the components of a safety management system and advise on the development of a safety management system for a low-risk business.
LO3	To understand the need and role of regulations and standards with industries.
LO4	Describe the responsibilities of the people at various levels of the organisation in regard to standards, regulation, compliance, and health and safety.
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

Health and Safety

Human Factors in safety, health and welfare in work Risk management Technical Safety and working safely. Health and safety legislation Environmental issues within health and safety practices

Standards and Regulation

Definition of Standards. The need and role of the standards within manufacturing and industry. Standards bodies within Ireland and the EU. The use of quality control systems within production environments. Overview of regulations within business and manufacturing environments.

Law and Ethics

Describe the responsibilities of the people at various levels of the organisation in regard to standards, regulation, compliance, and health and safety. Description of the laws surrounding health and safety. The rights of employees and employers and how these rights are enforced. Business ethics, ethics related to production and industrial environments.

Assessment Breakdown	%
Continuous Assessment	50.00%
End of Module Formal Examination	50.00%

Continuous Assessment

Assessment Type	Assessment Description	Outcome addressed	% of total	Assessment Date
Examination	Class assessments and presentation	1,2,3,4	50.00	n/a

No Project

No Practical

End of Module Formal Examination

Assessment Type	Assessment Description	Outcome addressed	% of total	Assessment Date
Formal Exam	End of Semester examination	1,2,3,4	50.00	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>
Lecture	Every Week	2.00
Independent Learning Time	Every Week	2.00
Total Hours		4.00

Module Delivered In

Programme Code	Programme	Semester	Delivery
CW_EEROB_B	Bachelor of Engineering (Honours) in Robotics and Automated Systems	5	Mandatory
CW_EEROO_D	Bachelor of Engineering in Robotics and Automated Systems	5	Mandatory