

AGRI S6010: Occupational Health & Hygiene

Module Details	
Module Code:	AGRI S6010
Full Title:	Occupational Health & Hygiene APPROVED
Valid From::	Semester 1 - 2019/20 (June 2019)
Language of Instruction:	English
Duration:	1 Semester
Credits::	5
Module Owner::	Edel Healy
Departments:	Unknown
Module Description:	The aim of this module is to provide the learner with the ability to recognise, evaluate and control health hazards in the workplaces with a focus on occupational diseases of relevance to the manufacturing industry.

Module Learning Outcome	
On successful completion of this module the learner will be able to:	
#	Module Learning Outcome Description
MLO1	Identify common workplace health hazards in the manufacturing industry
MLO2	Describe the main occupational diseases that may occur in the manufacturing industry
MLO3	Discuss how workplace health hazards can be monitored and controlled
MLO4	Outline the importance of health surveillance and workplace health promotion in safety management
Pre-requisite learning	
Module Recommendations <i>This is prior learning (or a practical skill) that is strongly recommended before enrolment in this module. You may enrol in this module if you have not acquired the recommended learning but you will have considerable difficulty in passing (i.e. achieving the learning outcomes of) the module. While the prior learning is expressed as named DkIT module(s) it also allows for learning (in another module or modules) which is equivalent to the learning specified in the named module(s).</i>	
No recommendations listed	

Module Indicative Content	
Occupational Health Introduction to Occupational Health; Health Surveillance; Health Promotion; Positive Mental Health	
Occupational Diseases Respiratory Diseases; Hearing Loss; Skin Conditions; Musculo-skeletal disorders; Workplace Stress;Vulnerable Employees	
Occupational Hygiene: Evaluation of hazards Common Routes of exposure; Occupational Exposure Limits; Occupational Monitoring; Noise; Vibration; Thermal Environment; Radiation	
Occupation Hygiene: Control of Hazards Mechanisms of control; Ventilation Control; Respiratory Protection mechanisms	

Module Assessment	
Assessment Breakdown	%
Course Work	100.00%
Module Special Regulation	

Assessments

Part Time On Campus			
Course Work			
Assessment Type	Essay	% of Total Mark	50
Marks Out Of	100	Pass Mark	40
Timing	Week 6	Learning Outcome	1,2,3,4
Duration in minutes	0		
Assessment Description A summary of the common health hazards in the relevant manufacturing industry			
Assessment Type	Multiple Choice Questions	% of Total Mark	50
Marks Out Of	100	Pass Mark	40
Timing	Week 12	Learning Outcome	4
Duration in minutes	0		
Assessment Description Multiple Choice Exam on the topics covered in the module			
No Project			
No Practical			
No Final Examination			

Module Workload

This module has no Full Time On Campus workload.

Workload: Part Time On Campus

Workload Type	Contact Type	Workload Description	Frequency	Average Weekly Learner Workload	Hours
Online Contact	Contact	Mixture of online lectures and online contact.	Every Week	2.00	2
Lecture	Contact	Face to Face (2 hours twice per semester)	Twice per semester	0.27	2
Independent Study	Non Contact	No Description	Every Week	1.00	1
				Total Weekly Learner Workload	3.27
				Total Weekly Contact Hours	2.27

Module Resources

This module does not have any book resources

This module does not have any article/paper resources

Other Resources

Website, Health and Safety Authority. (2010), Workplace Health Toolkit for Small Businesses, Ireland, https://www.hsa.ie/eng/Publications_and_Forms/Publications/Safety_and_Health_Management/Workplace_Health_Toolkit_for_Small_Businesses.html

Website, Health and Safety Authority. (2019), Managing Ergonomic Risk in the Workplace to Improve Musculoskeletal Health, Ireland, https://www.hsa.ie/eng/Publications_and_Forms/Publications/Latest_Publications/managing_ergonomic_risk_in_the_workplace_to_improve_musculoskeletal_health.83379_shortcut.html

Website, Health & Safety Authority. (2018), 2018 Code of Practice for the Chemical Agents Regulations, Ireland, https://www.hsa.ie/eng/Publications_and_Forms/Publications/Chemical_and_Hazardous_Substances/Chemical_Agents_COP_2018.pdf

Website, Health & Safety Authority. (2015), A Guide to Non-Respiratory Personal Protective Equipment (PPE) for use with Chemical Agents in the Workplace, Ireland, http://2018_Code_of_Practice_for_the_Chemical_Agents_Regulations

Website, Health & Safety Authority. (2014), Occupational Hygiene Report Writing Information Sheet, Ireland, https://www.hsa.ie/eng/Publications_and_Forms/Publications/Occupational_Health/Occupational_Hygiene_Report_Writing_Information_Sheet.html