H6CI: The Computing Industry

Module Code:	H6CI
Long Title	The Computing Industry APPROVED
Title	The Computing Industry
Module Level:	LEVEL 6
EQF Level:	5
EHEA Level:	Short Cycle
Credits:	5
Module Coordinator:	Lisa Murphy
Module Author:	Lisa Murphy
Departments:	School of Computing
Specifications of the qualifications and experience required of staff	Master's degree or PHD in a computing or cognate discipline. May have industry experience also. Proposed lecturer: Lisa Murphy

Learning Outcomes	
On successful completion of this module the learner will be able to:	
#	Learning Outcome Description
LO1	Compare and contrast the various sectors in the IT industry.
LO2	Differentiate between key roles in the IT industry.
LO3	Discuss and analyse emergent technologies and trends in the IT industry.
LO4	Summarise the broad ethical and legal issues that are raised by widespread use of technologies.
LO5	Utilize technologies and procedures necessary to ensure systems are reliable and secure.

Dependencies	
Module Recommendations	
No recommendations listed	
Co-requisite Modules	
No Co-requisite modules listed	
Entry requirements	See section 4.2 Entry procedures and criteria for the programme including procedures recognition of prior learning

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Module Content & Assessment

Indicative Content

IT Industry 1
• Understanding the IT Industry. • Distinguish the different sectors. • Differentiate the different roles.

IT Industry 2
The career planning process (Example: CV, LinkedIn Profile etc)

Ethical and Social Issues in the Digital Firm
• Understanding ethical and social issues related to IT. • Ethics in an information society. • The moral dimensions of Information Systems.

IT Infrastructure and Emerging Technologies
• IT Infrastructure. • Hardware platform trends and emerging technologies. • Software platform trends and emerging technologies Management issues.

Alumni Session
Past students come into talk to students about their current job, what tasks they do on a daily basis and share advice to students.

Securing Information Systems
• System vulnerability and abuse. • Business value of security and control. • Establishing a framework for security and control. • Technologies and tools for security.

Guest Speaker
A person from a company comes into talk to students about their career and education path. This provides students with an insight into the IT Industry.

LinkedIn, Blogging and Interviews
Students set up a linked profile Students blog about topics or guest speaker's discussions Students record themselves answering questions for a specific job role

Group Presentations
A group of students present a topic provided by the lecturer which is related to the course.

Assessment Breakdown	%
Coursework	100.00%

Assessments

Full Time

Coursework

Assessment Type:	Continuous Assessment	% of total:	70
Assessment Date:	n/a	Outcome addressed:	1,2,3,4,5
Non-Marked:	No		

Assessment Description:
Individual project requiring the learner to create their CV and Cover Letter. The learner has to create three blogs and record themselves answering questions in an interview situation based on questions provided by the lecturer. Alongside this, students have to create a LinkedIn profile, attend internal or external events for which they receive a stamp in their Career passport, carry out Psychometric testing and create a speaker journal based on the guest speakers visits.

Assessment Type:	Continuous Assessment	% of total:	30
Assessment Date:	n/a	Outcome addressed:	3,4,5
Non-Marked:	No		

Assessment Description:
Group project whereby the group are presented with topics and each group has to talk about the topic, give examples and talk about further development.

No End of Module Assessment
No Workplace Assessment

Reassessment Requirement

Coursework Only
This module is reassessed solely on the basis of re-submitted coursework. There is no repeat written examination.

Reassessment Description
The learner will be provided with a project that meets all learning outcomes.

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Module Workload

Module Target Workload Hours 0 Hours

Workload: Full Time

Workload Type	Workload Description	Hours	Frequency	Average Weekly Learner Workload
Lecture	Classroom & Demonstrations (hours)	24	Every Week	24.00
Tutorial	Other hours (Practical/Tutorial)	12	Every Week	12.00
Independent Learning	Independent learning (hours)	89	Per Semester	7.42
			Total Weekly Contact Hours	36.00

Module Resources

Recommended Book Resources

> **Laudon*. Management Information Systems, 12th. Pearson, [ISBN: 0-27-375453-X].**

> **Brenda Bernstein. (2019), How to Write a KILLER LinkedIn Profile... And 18 Mistakes to Avoid, 14. [ISBN: 978-1629671550].**

This module does not have any article/paper resources

This module does not have any other resources

Discussion Note:	