

COMP C7016: Ethics and Professional Issues

Module Details	
Module Code:	COMP C7016
Full Title:	Ethics and Professional Issues APPROVED
Valid From:	Semester 1 - 2019/20 (June 2019)
Language of Instruction:	English
Duration:	1 Semester
Credits:	5
Module Owner::	Caroline Sheedy
Departments:	Unknown
Module Description:	Students completing this module will have an understanding of ethics and professionalism in computing, and the impact and influence of these two elements in informing and shaping their future careers.

Module Learning Outcome	
On successful completion of this module the learner will be able to:	
#	Module Learning Outcome Description
MLO1	Distinguish between morality, ethics, law, and professional code of conduct.
MLO2	Evaluate the ethical trade-offs in a technical context, having identified the stakeholders and obligations to them.
MLO3	Identify ethical issues that arise in the profession of computing.
MLO4	Develop an understanding of legal privacy protections and the balance of protecting freedom of expression with technology, including patent and copyright law.
Pre-requisite learning	
<p>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></p>	
No recommendations listed	

Module Indicative Content
Ethical Principles in General and as Applied to ICT -Why computer ethics? -An introduction to ethical thinking; traditionalist v contemporary thinking; policy vacuums.
Ethics in IT Configured Societies -Online behaviour; netiquette; scope; anonymity; reproductability; theft; hacking; data privacy; data protection.
Certifying the Profession -The nature and process of gaining professional status for occupational groups.
Pursuing the Job Motivation; goal-seeking theory; job seeking strategy; job fairs; LinkedIn; interviews and cvs.

Module Assessment

Assessment Breakdown	%
Course Work	40.00%
Final Examination	60.00%

Module Special Regulation

Assessments

Full Time

Course Work

Assessment Type	Presentation	% of Total Mark	20
Marks Out Of	0	Pass Mark	0
Timing	Every Week	Learning Outcome	1,2,3
Duration in minutes	0		
Assessment Description	Tutorial assignment, regular debates		

Assessment Type	Written Report	% of Total Mark	20
Marks Out Of	0	Pass Mark	0
Timing	Week 9	Learning Outcome	1,2,3,4
Duration in minutes	0		
Assessment Description	Appraisal of students ethical stance on a provided topic; academic and industry evaluation.		

No Project

No Practical

Final Examination

Assessment Type	Formal Exam	% of Total Mark	60
Marks Out Of	0	Pass Mark	0
Timing	End-of-Semester	Learning Outcome	1,2,3,4
Duration in minutes	0		
Assessment Description	End-of-Semester Final Examination		

Part Time

Course Work			
Assessment Type	Presentation	% of Total Mark	20
Marks Out Of	0	Pass Mark	0
Timing	Every Week	Learning Outcome	1,2,3
Duration in minutes	0		
Assessment Description Tutorial assignment, regular debates			
Assessment Type	Essay	% of Total Mark	20
Marks Out Of	0	Pass Mark	0
Timing	Week 9	Learning Outcome	1,2,3,4
Duration in minutes	0		
Assessment Description Appraisal of students ethical stance on a provided topic; academic and industry evaluation.			
No Project			
No Practical			
Final Examination			
Assessment Type	Formal Exam	% of Total Mark	60
Marks Out Of	0	Pass Mark	0
Timing	End-of-Semester	Learning Outcome	1,2,3,4
Duration in minutes	0		
Assessment Description End-of-Semester Final Examination			
Reassessment Requirement			
A repeat examination <i>Reassessment of this module will consist of a repeat examination. It is possible that there will also be a requirement to be reassessed in a coursework element.</i>			

Module Workload

Workload: Full Time					
<i>Workload Type</i>	<i>Contact Type</i>	<i>Workload Description</i>	<i>Frequency</i>	<i>Average Weekly Learner Workload</i>	<i>Hours</i>
Lecture	Contact	No Description	Every Week	2.00	2
Tutorial	Contact	No Description	Every Week	1.00	1
Directed Reading	Non Contact	No Description	Every Week	2.00	2
Independent Study	Non Contact	No Description	Every Week	3.00	3
Total Weekly Learner Workload					8.00
Total Weekly Contact Hours					3.00

Workload: Part Time					
<i>Workload Type</i>	<i>Contact Type</i>	<i>Workload Description</i>	<i>Frequency</i>	<i>Average Weekly Learner Workload</i>	<i>Hours</i>
Lecture	Contact	No Description	Every Week	2.00	2
Tutorial	Contact	No Description	Every Week	1.00	1
Directed Reading	Non Contact	No Description	Every Week	2.00	2
Independent Study	Non Contact	No Description	Every Week	3.00	3
Total Weekly Learner Workload					8.00
Total Weekly Contact Hours					3.00

Module Resources

Recommended Book Resources

Johnson, Deborah.G.. (2009), Computer Ethics, 4th Ed. Pearson Education, [ISBN: 0131230220].

Arti, Kumar. (2007), Personal, Academic & Career Development in Higher Education, 1st. Routledge, Oxford, [ISBN: 9780415423595].

Kizza, Joseph Migga. Springer. (2013), Ethical and social issues in the information age, [ISBN: KIZZA, JOSEPH].

This module does not have any article/paper resources

Other Resources

[Website], IEEE Computer Society. IEEE Computer Society website,
<http://www.computer.org/>

[Website], Ethics Centre for Science & Engineering. Ethics Centre for Science & Engineering,
<http://www.onlineethics.org>

[Website], European Union. EU Legislation Summary,
http://europa.eu/legislation_summaries/information_society/index_en.htm

[Website], Irish Government. Irish Legislation Directory,
<http://www.irishstatutebook.ie/isbc/commence.html>

[Website], Irish Computer Society,
<http://www.ics.ie/>