ETHI: Ethics 2

Module Title:	Ethics 2
Language of Instruction:	English

Credits:	5

NFQ Level:	6

Module Delivered In	2 programme(s)

Teaching & Learning Strategies:	Classes will be based around lectures and group discussion activities on presented content. This class will be taught primarily by means of lectures, class discussion, problem based learning and group activities.

Module Aim:	This module examines the fundamental principles and frameworks in ethical decision making and explores the role technology is playing in shaping social, economic, psychological and environmental conditions in which people participate.

Learning Outcomes	
On successful completion of this module the learner should be able to:	
LO1	Identify ethical quandaries and analyse by applying different theoretical approaches
LO2	Evaluate and demonstrate understanding of ethical challenges presented by utilising information technology implementations and case studies.
LO3	Articulate transparent decisions that are sensitive to stakeholder values.

Pre-requisite learning
Module Recommendations *This is prior learning (or a practical skill) that is recommended before enrolment in this module.*
No recommendations listed
Incompatible Modules *These are modules which have learning outcomes that are too similar to the learning outcomes of this module.*
No incompatible modules listed
Co-requisite Modules
No Co-requisite modules listed
Requirements *This is prior learning (or a practical skill) that is mandatory before enrolment in this module is allowed.*
No requirements listed

ETHI: Ethics 2

Module Content & Assessment

Indicative Content
Philosophical approaches to ethics Consequentialist Ethical Theory, Non-consequentialist Ethical Theory, Agent centered ethical theory
Ethical Frameworks Deontological ethical frameworks, Consequentialist Framework, Virtue Framework, Duty Framework
Relationships between technology & ethics (Sample Case Studies) Machine Autonomy & Accountability ACM/IEEE-CS, Software Engineering Code of Ethics and Professional Practice, Facial Recognition, Data Ethics, Digital Privacy, Cybersecurity Ethics, Algorithmic Bias, Surveillance, Monetisation of human attention, Environmental Sustainability Technology, Monoculture Technocracy
Value-Sensitive Design Data-centred vs. Human-centred computing; conceptual investigations, empirical investigations, and technical investigations; avoiding ethical incidents; transparent decision-making that is sensitive to stakeholder values

Assessment Breakdown	%
Project	60.00%
End of Module Formal Examination	40.00%

No Continuous Assessment

Project

Assessment Type	*Assessment Description*	*Outcome addressed*	*% of total*	*Assessment Date*
Project	Learners will be required to complete a number of elements over the duration of the project, such as stakeholder analysis, and evaluating case studies. Feedback will be provided on elements of the project submitted by Weeks 3 and 7.	2,3	60.00	Week 10

No Practical

End of Module Formal Examination

Assessment Type	*Assessment Description*	*Outcome addressed*	*% of total*	*Assessment Date*
Formal Exam	n/a	1,2	40.00	End-of-Semester

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

ETHI: Ethics 2

Module Workload

Workload: Full Time		
Workload Type	*Frequency*	*Average Weekly Learner Workload*
Lecture	12 Weeks per Stage	3.00
Project	12 Weeks per Stage	3.00
Independent Learning Time	15 Weeks per Stage	3.53
	Total Hours	125.00

Module Delivered In

Programme Code	Programme	Semester	Delivery
CW_KCCYB_B	Bachelor of Science (Honours) in Cyber Crime and IT Security	3	Mandatory
CW_KCCYB_D	Bachelor of Science in Cybercrime and IT Security	3	Mandatory