



## MODULE SPECIFICATION

Part 1: Information			
Module Title	Ethical and Professional Issues in Computing and Digital Media		
Module Code	UFCFB5-15-3	Level	Level 6
For implementation from	2019-20		
UWE Credit Rating	15	ECTS Credit Rating	7.5
Faculty	Faculty of Environment & Technology	Field	Computer Science and Creative Technologies
Department	FET Dept of Computer Sci & Creative Tech		
Module type:	Standard		
Pre-requisites	None		
Excluded Combinations	None		
Co- requisites	None		
Module Entry requirements	None		

Part 2: Description
<p><b>Educational Aims:</b> In addition to the learning outcomes, the educational experience may explore, develop, and practise but not formally discretely assess the following:</p> <p>Working as a team member;            Presentation skills;            Problem formulation;            Self-management;            Decision-making.</p> <p><b>Outline Syllabus:</b> Curriculum:</p> <p>Role of the professional;            Role of professional bodies and codes of practice;            Business, stakeholder and philosophical ethical frameworks;            Moral and corporate responsibility;            The Information Commissioners Office;            Core contemporary issues: regulation, privacy, security, intellectual property, the public domain;            Technology innovation (including disruptive technologies) as an important component of change, sustainability and growth;</p>

## STUDENT AND ACADEMIC SERVICES

How organisations can assess the commercial viability of new technologies and research based ideas and exploit them in their plans and strategies;  
Innovative organizational formations enabled by digital technologies.

**Teaching and Learning Methods:** Lectures introduce the basic concepts, and students are expected to explore material in greater depth during tutorials and self-managed study.

There will be an emphasis on fostering a critical approach to the issues, and materials which are controversial and/or contradictory will occasionally be presented.

Students will be given a report and presentation-based assignment to research and complete during their own time.

Scheduled learning and teaching study hours are 36 hours.

In addition, over the course of the semester students should expect to spend a considerable amount of time in independent study, including time spent in directed reading, completing practical exercises, completing self-assessment tests and assimilating material presented during contact hours.

Contact time: 36 hours

Assimilation and development of knowledge: 74 hours

Coursework preparation: 4 hours

Total study time: 150 hours.

### Part 3: Assessment

The module is assessed by a combination of group presentation of a small group of students and an individual report. The rationale for this is that students are encouraged to reason about ethical dilemmas both as individuals, and as members of a team with collective responsibilities. Further, they should be able to communicate and disseminate contestable but defensible ethical positions both verbally and in writing, thereby examining learning outcome 3.

Students are given the task of investigating the impacts and use of a novel class of workplace digital technologies in order to reveal inherent ethical dilemmas. The choice of technology is made by the teaching team, but, with guidance from the tutor, each group will decide what aspect to investigate. The strategy is designed to circumvent web plagiarism, while embracing a diverse cohort of students.

Assessment is as follows:

A group presentation, together with presentation slides examine learning outcomes 2, 3 and 4 in controlled conditions. Groups have up-to 15 minutes including Q and A for their presentation. 25% of the marks are awarded for this component. Normally members from the same group will get the same mark. However, adjustment will apply where weak contributions are identified through the questioning during the presentation.

An individual 2000 word report examines learning outcomes 1,2 and 4. This component examines the student's ability to apprehend the theoretical aspects of the module, and to bridge the gap between theory and practice by applying these ideas to innovative technologies and practices. This entails investigating the impacts and use of a novel technology in order to reveal inherent ethical dilemmas. To achieve this, students must gain a familiarity with key ethical theories, and contemporary professional and scholarly thinking on digital ethics. The assessment criteria include insight on the consequences of the technology, awareness of the wider context, and suggested positions for the profession.

First Sit Components	Final Assessment	Element weighting	Description
Report - Component B	✓	75 %	Individual report (2000 words)
Presentation - Component A		25 %	Group presentation (15 minutes)

## STUDENT AND ACADEMIC SERVICES

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Report - Component B	✓	75 %	Individual report (2000 words)
Presentation - Component A		25 %	Individual presentation

Part 4: Teaching and Learning Methods																	
Learning Outcomes	<p>On successful completion of this module students will achieve the following learning outcomes:</p> <table border="1"> <thead> <tr> <th>Module Learning Outcomes</th> <th>Reference</th> </tr> </thead> <tbody> <tr> <td>Show a detailed knowledge and understanding of the major ethical theories, the key Issues raised by ICTs that give rise to ethical concerns, and critical factors relevant to professional practice in the 21st century.</td> <td>MO1</td> </tr> <tr> <td>Demonstrate the ability to recognise the dilemmas inherent in professional practice, form balanced judgements on them, and recommend actions in conformance with good practice and within the appropriate legal requirements</td> <td>MO2</td> </tr> <tr> <td>Demonstrate key skills in the communication and dissemination of contestable ethical positions, awareness of professional literature, and negotiating and working with others</td> <td>MO3</td> </tr> <tr> <td>Show knowledge and understanding of technology innovation and the strategies and organizational formations enabled by digital technologies</td> <td>MO4</td> </tr> </tbody> </table>	Module Learning Outcomes	Reference	Show a detailed knowledge and understanding of the major ethical theories, the key Issues raised by ICTs that give rise to ethical concerns, and critical factors relevant to professional practice in the 21st century.	MO1	Demonstrate the ability to recognise the dilemmas inherent in professional practice, form balanced judgements on them, and recommend actions in conformance with good practice and within the appropriate legal requirements	MO2	Demonstrate key skills in the communication and dissemination of contestable ethical positions, awareness of professional literature, and negotiating and working with others	MO3	Show knowledge and understanding of technology innovation and the strategies and organizational formations enabled by digital technologies	MO4						
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Reading List	<p>The reading list for this module can be accessed via the following link:</p> <p><a href="https://uwe.rl.talis.com/modules/ufcfb5-15-3.html">https://uwe.rl.talis.com/modules/ufcfb5-15-3.html</a></p>																

<b>Part 5: Contributes Towards</b>
This module contributes towards the following programmes of study: