



Module Specification

Research & Emerging Technologies

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Part 1: Information

Module title: Research & Emerging Technologies

Module code: UFCFET-15-3

Level: Level 6

For implementation from: 2027-28

UWE credit rating: 15

ECTS credit rating: 7.5

College: College of Arts, Technology and Environment

School: CATE School of Computing and Creative Technologies

Partner institutions: None

Field: Computer Science and Creative Technologies

Module type: Module

Pre-requisites: None

Excluded combinations: None

Co-requisites: None

Continuing professional development: No

Professional, statutory or regulatory body requirements: None

Part 2: Description

Overview: This research-led module is designed to raise awareness of current and upcoming Emerging Technologies, and review their advancements, technicalities and future impact on humanity. As well as researching the technical capabilities and future possibilities, you are also required to review the potential adverse impact and challenges faced with the deployment and adoption of emerging technologies.

Features: Not applicable

Educational aims: To investigate, evaluate and analyse currently emerging computing technologies and concepts.

Outline syllabus: Research skills and academic writing.

Current emerging computing technologies and concepts.

For each topic, key areas for discussion and review are:

Current and future developments.

Ethical, legal and moral issues involved.

Commercial considerations.

The industry context and application of emerging technologies, as well as professional body requirements.

Limiting factors.

Part 3: Teaching and learning methods

Teaching and learning methods: Throughout the module, a combination of lectures, group work, and research based tasks will be used to cover the theoretical underpinning of the module. Opportunities for guest lectures and/or visits will be explored to enhance the module, exploring new and upcoming technologies.

Module Learning outcomes: On successful completion of this module students will achieve the following learning outcomes.

MO1 Discuss and evaluate emerging technologies and their applications.

MO2 Identify and critically evaluate the social, legal and ethical issues associated with emerging technologies.

MO3 Analyse current industry and research trends to identify emerging technologies and opportunities.

Hours to be allocated: 150

Contact hours:

Independent study/self-guided study = 96 hours

Face-to-face learning = 54 hours

Reading list: The reading list for this module can be accessed at [readinglists.uwe.ac.uk](https://rl.talis.com/3/uwe/lists/1605CD68-41A1-2E9E-3B76-74BBAB62A393.html) via the following link <https://rl.talis.com/3/uwe/lists/1605CD68-41A1-2E9E-3B76-74BBAB62A393.html>

Part 4: Assessment

Assessment strategy: This module is assessed by a 2000 word report.

The report allows students to research, analyse and evaluate the ethical, moral, social, and legal issues of emerging technologies.

Tutor-lead formative feedback will be available throughout the module.

The resit follows the same format as the first sit.

Assessment tasks:

Report (First Sit)

Description: The report (2000 words) allows students to research and critically analyse the ethical, moral, social, and legal issues of emerging technologies.

Weighting: 100 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3

Report (Resit)

Description: The report (2000 words) allows students to research and critically analyse the ethical, moral, social, and legal issues of emerging technologies.

Where applicable, a re-working of the initial report may be considered.

Weighting: 100 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3

Part 5: Contributes towards

This module contributes towards the following programmes of study:

Cyber Security and Networking {Top-up} [UCW] BSc (Hons) 2027-28

Software Development {Top-up} [UCW] BSc (Hons) 2027-28

Applied Computing [UCW] BSc (Hons) 2025-26