Module Specification

Strategy and Governance in IT

Version: 2023-24, v3.0, 14 Jun 2023

Contents

Part 1: Information

Module title: Strategy and Governance in IT

Module code: UFCFNJ-15-M

Level: Level 7

For implementation from: 2023-24

UWE credit rating: 15

ECTS credit rating: 7.5

Faculty: Faculty of Environment & Technology

Department: FET Dept of Computer Sci & Creative Tech

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: The module will cover a range of contemporary issues in IT strategy and governance.

Features: Not applicable

Educational aims: See Learning Outcomes.

Outline syllabus: The syllabus includes:

Strategy, IT

The IT industry: its historical development; structure, size, distribution and global reach of the industry; providers and users and their shifting relationships; outsourcing; standards and standardisation; technological evolution and trajectories.

The concepts of digital disruption and digital transformation as part of the strategic alignment between business needs and IT. The emergence of new technologies and their integration into IT practice within organisations.

Organisation and Governance and the role of the IT Profession:

This will include issues concerning the organisation and governance of IT services in organisations (the structure, role, competences and capabilities of the IT function), for example:

The role of the IT function in organisation
The role of the CIO and IT Professional in organisations
Leadership of the IT vision and Leadership of the IT Function
Client and User Relations
Sustainability, Green IT and "IT for Green"
Strategic decisions in Information Systems and Information Technology
IT Service Management (ITIL)
Outsourcing
Legal framework and obligations (including data protection, computer misuse, health and safety, disability discrimination)

Part 3: Teaching and learning methods

Teaching and learning methods: See Syllabus and Assessment.

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

MO1 Discuss and critique the competing demands on and the potential transformational impact of, the governance and implementation of information technology in a complex organisation

MO2 Evaluate and reconcile the sometimes conflicting pressures exerted by the social, business, legal, technical and ethical implications of working as an IT professional

MO3 Communicate complex or contentious issues in IT to an audience

Hours to be allocated: 150

Contact hours:

Independent study/self-guided study = 126 hours

Face-to-face learning = 24 hours

Total = 150

Reading list: The reading list for this module can be accessed at readinglists.uwe.ac.uk via the following link https://uwe.rl.talis.com/modules/ufcfnj-15-m.html

Part 4: Assessment

Assessment strategy: The teaching and learning on the module is assessed through a report on a contemporary issue in IT selected by the student.

The report assessment is individual however students will be formed into groups to encourage research and co-operation in locating and discussing suitable literature and resources from both academic and industry sources and making a formative group presentation on the topic. By conducting this research and preparation the student will address all the learning outcomes of the module.

Assessment criteria for the report will focus on communication of information, the interpretation of technical material, the business application of IT and governance issues, the persuasiveness of the argument, the preparation and organisation of

material.

The assessment strategy encourages students to develop a critical perspective on issues in contemporary IT governance while also developing an overview of the work of an IT service in a large organisation.

Resit:

Students will be allowed to re-work their original report at resit, or complete a new task if the original work does not focus on answering the question.

Assessment tasks:

Report (First Sit)

Description: Written report (2000 words)

Weighting: 100 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO2, MO3

Report (Resit)

Description: Written report (2000 words)

Weighting: 100 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO2, MO3

Part 5: Contributes towards

This module contributes towards the following programmes of study:

Information Technology [Frenchay] MSc 2023-24

Information Technology [Villa] MSc 2023-24

Information Technology [Frenchay] MSc 2022-23