



## **Module Specification**

### **IT Practice: Skills, Models and Methods**

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## Part 1: Information

**Module title:** IT Practice: Skills, Models and Methods

**Module code:** UFCF83-30-1

**Level:** Level 4

**For implementation from:** 2023-24

**UWE credit rating:** 30

**ECTS credit rating:** 15

**Faculty:** Faculty of Environment & Technology

**Department:** FET Dept of Computer Sci & Creative Tech

**Partner institutions:** None

**Delivery locations:** Not in use for Modules

**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:** Not applicable

**Features:** Not applicable

**Educational aims:** See Learning Outcomes.

In addition to those aims listed in Learning Outcomes, the educational experience

may explore, develop, and practise but not formally discretely assess inter-personal skills in dealing with other students and people outside the educational setting, e.g. during organisational visits.

**Outline syllabus:** This module takes a holistic, integrative approach to human activity systems, information systems and information and communication technology by covering:

Foundations of information systems practice, methods and tools. Relationships between people, organisations, information systems and information technology. Investigating, analysing and modelling organisations, information systems and IT from different perspectives. Critical evaluation of modelling tools, business analysis techniques and personal profiling tools.

An introduction to the hybrid role of the information practitioner, identifying information needs of organisations and selecting appropriate technology to satisfy them. The importance of a socio-technical approach in understanding existing and potential information systems.

Communicating and expressing an understanding of application contexts, information systems and information technology infrastructures, by integrating and applying knowledge from business and technical modules.

Fundamental concepts of information and communication. Meaning and interpretation in different organisational and social contexts. Information literacy. Search and retrieval. Evaluating information sources.

Working with people. Forming and managing teams. Communicating, basic record keeping and documentation. Contemporary examples of projects in information systems.

Practical communications skills. Report-writing, oral communications, interviewing, giving presentations.

Learning styles, action learning and reflective practice. Lifelong learning in information systems as a response to social, organisational and technological change

### **Part 3: Teaching and learning methods**

**Teaching and learning methods:** This module takes an integrative, experiential approach to teaching and learning through a mixed range of coordinated activities, primarily in workshop mode.

Scheduled learning:

A mix of “lectorials”, project supervisions demonstrations, case study preparation and practical team work, supported by formative feedback and contact in virtual form via virtual learning environments and other technologies.

Independent learning:

Assimilation and development of knowledge: essential reading, investigation and research, including unsupervised work in teams

Assessment: assignment preparation, external visits, fieldwork and assignment completion, including appreciable work in teams

-No variations for part-time study. Distance learning not available for this module, due to the emphasis on teamwork.

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

**MO1** Discover, interpret, evaluate and communicate information effectively and efficiently

**MO2** Apply a knowledge and understanding of concepts, contexts and processes of information and communication

**MO3** Investigate, analyse and model information use in organisations and social contexts

**MO4** Work and communicate professionally in small teams

**MO5** Demonstrate self-management and reflective practice

**Hours to be allocated:** 300

**Contact hours:**

Independent study/self-guided study = 228 hours

Face-to-face learning = 72 hours

Total = 300

**Reading list:** The reading list for this module can be accessed at [readinglists.uwe.ac.uk](https://uwe.rl.talis.com/modules/ufcf83-30-1.html) via the following link <https://uwe.rl.talis.com/modules/ufcf83-30-1.html>

## **Part 4: Assessment**

**Assessment strategy:** The assessment strategy will consist of two group assessments based on team project activities. Formative aspects are built in to each, particularly the first assessment.

Individual aspects are built in to both, particularly the second assessment.

### Summative Assessment

Assessment 1: Team project presentation. This assesses presentational aspects of Learning Outcome 1

Assessment 2: Team investigation in the field in which a portfolio is developed including a written report and individual reflective reviews at project milestones. This assesses written aspects of Learning Outcome 1, and the remaining Learning Outcomes

### Formative Assessments

There will be regular opportunities for formative feedback during the progress of the team project work leading up to assessment 1.

There will also be regular opportunities for formative feedback during the progress of the teamwork at project milestones and the build-up of the team and individual aspects of the portfolio leading up to assessment 2.

**Assessment components:****Presentation (First Sit)**

Description: Presentation

Weighting: 25 %

Final assessment: No

Group work: Yes

Learning outcomes tested: MO1

**Portfolio (First Sit)**

Description: Portfolio

Weighting: 75 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4, MO5

**Presentation (Resit)**

Description: Presentation

Weighting: 25 %

Final assessment: No

Group work: Yes

Learning outcomes tested: MO1

**Portfolio (Resit)**

Description: Portfolio

Weighting: 75 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4, MO5

## **Part 5: Contributes towards**

This module contributes towards the following programmes of study:

Business Computing [Frenchay] BSc (Hons) 2023-24

Software Engineering for Business [Frenchay] BSc (Hons) 2023-24

Information Technology Management for Business [Frenchay] BSc (Hons) 2023-24

Software Engineering for Business {Foundation} [Frenchay] BSc (Hons) 2022-23

Business Computing {Foundation} [Frenchay] BSc (Hons) 2022-23

Business Computing {Foundation} [GCET] BSc (Hons) 2022-23