



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: Frenchay Campus

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 {Foundation} [Sep][FT][Frenchay][4yrs] BSc (Hons) 2022-23

Business Computing {Foundation} [Sep][SW][Frenchay][5yrs] BSc (Hons) 2022-23

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