



Module Specification

Introduction to Managing Digital Technologies in Business

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Part 1: Information

Module title: Introduction to Managing Digital Technologies in Business

Module code: UMMDLLD-15-1

Level: Level 4

For implementation from: 2023-24

UWE credit rating: 15

ECTS credit rating: 7.5

Faculty: Faculty of Business & Law

Department: FBL Dept of Business & Management

Partner institutions: None

Delivery locations: Not in use for Modules

Field: Operations and Information Management

Module type: Module

Pre-requisites: None

Excluded combinations: Digital Business Management 2023-24

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

Outline syllabus: In general the syllabus will reflect the range of issues that surround the management of digital technologies in a broad spectrum of

organisations, including:

Introduction to information systems IS and IT in organisations

Organisational Information systems and Management Information Systems

Database Management Systems Data and system security Electronic business

Knowledge management

Human-Computer interaction and interfaces

Project and Change management in Information Systems

Information Systems Development, including the Systems Development Life Cycle Issues in Business Computing, to include: health and safety – law and education – ethics – security - sustainability

Part 3: Teaching and learning methods

Teaching and learning methods: The module will typically be studied on a day release basis, although employer preference may dictate a different delivery pattern. Contact time per module will equate to 3 hours per week over a 12 week teaching block. There is a focus on flipped delivery supported by technology, here the delivery of core theoretical concepts moves from the classroom into the online space and face to face sessions focus on collaborative learning, sense making and sharing of experiences. Post session (face to face) online activities help the student to apply their learning to the context of their organisation and personal and professional development.

Teaching and learning methods are focused around a problem posing pedagogy that

draws on student and peer experiences associated with the philosophy of work based learning. Lectures will be made available also as podcasts on BB for students to follow at any time on the specific topic that is being covered. All lectures will have blended material embedded within them. Students will be exposed to the more complex technical, organisational and social concepts through seminars and workshops.

As a fast changing area of study, current material will be made available as study units on the VLE, along with relevant articles and video material along interactive VLE exercises that the students will be able to engage in to prepare for their assessments.

There will be two types of seminar activity:

Seminar room based. Preparation and delivery of student led presentations on business and IT topics applied to their organisations or to problem based case study material.

PC Laboratory based workshops, where students use appropriate standard software like a project management, database management system, and spreadsheets.

Scheduled learning includes on-line materials such as lectures, seminars, tutorials, workshops. Scheduled sessions may vary slightly.

Independent learning includes hours engaged with essential reading, data collection in own organisation or case study preparation, assignment preparation and completion etc.

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

MO1 Identify information requirements at various levels of business operations and the business information systems able to deliver them

MO2 Identify the potential for IT applications within a business context

MO3 Demonstrate an appreciation of current issues in digital technologies and their impact on organisations

MO4 Appreciate ethical aspects of data and information management in business

MO5 Understand and use decision making models

MO6 Apply appropriate knowledge and analytical techniques to identify service/organisational improvements using qualitative and quantitative analysis of information and data and benchmarking against others

Hours to be allocated: 150

Contact hours:

Independent study/self-guided study = 114 hours

Face-to-face learning = 36 hours

Total = 150

Reading list: The reading list for this module can be accessed at [readinglists.uwe.ac.uk](https://uwe.rl.talis.com/modules/ummdl-15-1.html) via the following link <https://uwe.rl.talis.com/modules/ummdl-15-1.html>

Part 4: Assessment

Assessment strategy: The coursework component requires that students utilise the Blackboard VLE to make a number of weekly submissions that evidence their participation and understanding of seminar and workshop activities and the relation to their own organisation. This will also include reflection on the management implications of tasks undertaken. Students will be required to submit a number of pieces at the end of the module in the form of an E-Portfolio plus a 1000 word reflective summary, which makes a synthesis of the work achieved on the module.

If a student is permitted a retake of the module under the University Regulations and Procedures, the assessment will be that indicated by the Module Description at the time that retake commences.

Assessment components:

Written Assignment (First Sit)

Description: Reflective summary of 2000 words supported by an e-Portfolio of individual tasks submitted online

Weighting: 100 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4, MO5, MO6

Written Assignment (Resit)

Description: Reflective summary of 2000 words supported by an e-Portfolio of individual tasks submitted online

Weighting: 100 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4, MO5, MO6

Part 5: Contributes towards

This module contributes towards the following programmes of study:

Leadership and Management Practice {Apprenticeship-UWE} [Frenchay] BA (Hons)
2022-23