Module Specification

Knowledge Management

Version: 2023-24, v2.0, 17 Mar 2023

Contents

Part 1: Information

Module title: Knowledge Management

Module code: UFCFGD-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

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: Module entry requirements: Good first degree or over six months relevant work experience

Educational aims: See Learning Outcomes

Outline syllabus: Contemporary Importance of Knowledge and Knowledge Management (KM)

Personal Knowledge Management

Epistemologies of Knowledge in the KM literature

Key concepts in KM including KM management standards

Innovation, Knowledge Creation and Unlearning

Organisational Learning and Culture and the concept of Learning Organisations

Introduction to ICTs and KM including AI, social media and new technologies

Socio-cultural issues related to managing and sharing knowledge

Management of Knowledge Work (and Workers) – the HR perspective

Global KM and the concepts of knowledge economies and societies

Open Knowledge practice

Part 3: Teaching and learning methods

Teaching and learning methods: Lecture and discussion time with module tutor and guest lecturers. Supported by teaching materials on the VLE, with associated web discussion groups, collaborative learning tasks and assignment tutorials.

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

MO1 Demonstrate a critical awareness of the nature of knowledge and its dissemination within organisations with reference to individual, social and organisational perspectives of knowledge management.

MO2 Critically apply key KM concepts and frameworks from the research literature and identify how such concepts inform practice within organisations.

MO3 Critically assess and demonstrate knowledge of KM tools and techniques that are available to the Knowledge Manager and the organisation.

MO4 Critically evaluate how IT is being deployed and changing the landscape of KM including virtual learning, homeworking and the use of AI.

MO5 Demonstrate awareness of social, cultural and technological issues that may impact upon knowledge generation and sharing practice.

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/ufcfgd-15-m.html

Part 4: Assessment

Assessment strategy: Assessment component A : Individual assessment that requires an individual contribution to the creation of a group knowledge base. Students will be required to add their critically evaluated knowledge sharing tools and/or techniques to a group wiki (or other KM system/repository) to support the creation of a group knowledge base. This will be individually marked.

Assessment Component B : KM Case Study
The coursework will require students to analyse a real or fictitious case study to address an issue around the practice of knowledge sharing and make recommendations for changes to practice or the use of tools for knowledge sharing, drawing on knowledge management theory and research evidence. The coursework will take the form of a professional report to management or stakeholders of 3,000 words.

For the Resit the assessment will be in the same format

Assessment components:

Online Assignment (First Sit)
Description: Contribution to an online Knowledge Base
Weighting: 40 %

Final assessment: No

Group work: No

Learning outcomes tested: MO3, MO5

Report (First Sit)

Description: Professional report (3000 words)

Weighting: 60 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO4

Online Assignment (Resit)

Description: Contribution to an online Knowledge Base

Weighting: 40 %

Final assessment: No

Group work: No

Learning outcomes tested: MO3, MO5

Report (Resit)

Description: Professional report (3000 words)

Weighting: 60 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO4

Part 5: Contributes towards

This module contributes towards the following programmes of study:

Information Technology [Frenchay] MSc 2023-24

Data Science [NepalBrit] MSc 2023-24

Data Science [Frenchay] MSc 2023-24

Data Science [Frenchay] MSc 2023-24

Information Management [Frenchay] MSc 2023-24

Artificial Intelligence [Frenchay] MSc 2023-24

Information Technology [Frenchay] MSc 2022-23

Information Management [Frenchay] MSc 2022-23