Module Specification

Project Management

Version: 2023-24, v5.0, 23 May 2023

Contents

Part 1: Information

Module title: Project Management

Module code: UFCFG6-30-2

Level: Level 5

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

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 the educational experience may explore, develop, and practise but not formally discretely assess the following:

Progression to independent learning

Awareness of appropriate professional literature

Working with others.

Outline syllabus: 1. Defining a project and the role of management in projects

2. PRINCE2, structures and their influence on projects

3. The use of project to implement strategy

4. Project definition

5. Project budgets and cost/benefit analysis

6. Time planning

7. Cost planning

8. Issues of ownership of projects

9. Leadership and management in projects

10. Quality and quality management plans

11. Risk management

12. Estimation methods

13. Project control and review techniques

14. PRINCE2 principles and themes

15. Managing and delivering Agile and Structured Lifecycle projects

Part 3: Teaching and learning methods

Teaching and learning methods: Project management is closely associated with life cycle models, which may all be described as 4Ds: Define, Design, Do and Develop – Develop meaning Review. In the module these principles will be used to run the module and analyse real world projects. The module will follow the principles of PRINCE2: there will be a staged approach to the module as a project; and the other six principles of PRINCE2 will be considered: i) Manage by exception ii) Learn from experience iii) Focus on products iv) a continued justified Business Case v) Assign Roles and Responsibilities vi) Adapt (tailor) the method to the environment. Project management, even within the PRINCE2 framework, makes little sense if there is only one person involved so projects inevitably involve teams. The role of the

project manager; typical group and team structures; qualities, style and skills of managers; personal profiling, team roles and dynamics; leadership and management qualities will be investigated and engaged with in workshops. Conflict management and its effect on working styles will be investigated to look at management and leadership broadly and flexibly. Planning is looking to the future so uncertainty and estimation will be used in exercises to discover how to predict better.

Scheduled contact: Project management has a considerable practical element and so much of the learning material will be provided online and workshop exercises used to interpret that material. Each week, the workshop session will allow multi-strand, parallel working or replicates of the same task to be staged to get hands-on experience with the topics and techniques already signalled as being relevant through the online material. Tutors will manage each workshop so that individuals or small to large teams can be working on topics to build individual or collective knowledge of project management principles and themes.

Independent learning:

Whilst the workshops will concentrate on practical elements this is underpinned by lectures and supplementary material provided online in the course run in Blackboard. Lectures will generally need to be read and digested outside the workshop sessions and supplementary material used to build a comprehensive understanding of each topic addressed.

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

MO1 Discuss the principal issues involved in project management

MO2 Use a variety of planning tools and techniques

MO3 Know how to communicate project plans through visualisation in planning diagrams

MO4 Evaluate the importance of different approaches and management issues in a variety of contexts

MO5 Demonstrate the importance of data in estimation and planning of projects

MO6 Evaluate the importance of project teams, participation in teams and interaction between team members and project managers

MO7 Evaluate how projects are planned and controlled through analysis of public domain projects.

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 via the following link https://uwe.rl.talis.com/modules/ufcfg6-30-2.html

Part 4: Assessment

Assessment strategy: The assessment consists of a project and a written assignment.

The project is a small group analysis of project management issues associated with projects in the public domain, including a presentation of some findings and a report of more in-depth analysis. This has the benefit of creating small investigative groups, providing a support network for learning, or individual learning. It will be based on research and evaluation of public-domain projects so will help with interpretation of information in the literature and analysis of data.

The individual written assignment will report on management issues associated with projects. This individual work will focus primarily on establishing a well-reasoned argument based on research and interpretation of that research in the light of contentious issues within the management of projects.

The resit assessment is based upon the original assessment. Using a structured scenario (a modified version of the original scenario), the student will analyse this scenario and plan and report on the associated management issues. The report will include a research-based section, exploring sought-after project manager characteristics, enabling the students to broaden the scope of their understanding of good practice and the application of a variety of management styles and theory.

Assessment tasks:

Project (First Sit)

Description: Small team investigative project and reporting

Weighting: 60 %

Final assessment: Yes

Group work: Yes

Learning outcomes tested: MO2, MO3, MO4, MO5, MO7

Written Assignment (First Sit)

Description: Individual analysis in an essay or report of management issues in projects

Weighting: 40 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO4, MO6

Project (Resit)

Description: This is an individual assessment based upon the original group assessment. It involves the analysis , planning and reporting on the management issues of a modified version (suitably scaled) of the original scenario.

Weighting: 60 %

Final assessment: Yes

Group work: Yes

Learning outcomes tested: MO2, MO3, MO4, MO5, MO7

Written Assignment (Resit)

Description: Individual planning analysis in an essay or report of management issues in projects

Weighting: 40 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO4, MO6

Part 5: Contributes towards

This module contributes towards the following programmes of study:

Information Technology Management for Business [Frenchay] BSc (Hons) 2022-23

Business Computing {Foundation} [Feb][FT][GCET][4yrs] BSc (Hons) 2021-22

Business Computing {Foundation} [Oct][FT][GCET][4yrs] BSc (Hons) 2021-22

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

Business Computing {Foundation} [Sep][SW][Frenchay][5yrs] BSc (Hons) 2021-22

Business Computing {Foundation} [Sep][FT][Frenchay][4yrs] BSc (Hons) 2021-22