



## **Module Specification**

# Computing Project Management

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## Part 1: Information

**Module title:** Computing Project Management

**Module code:** UFCFTE-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

**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.

**Outline syllabus:** The principles of project management and the role of the project manager; dealing with the triple constraints.

Defining project scope and objectives.

Risk analysis and contingency planning.

Success/failure criteria and- the factors involved.

Procedures and Tools available to a project manager; including methodologies and software e.g. Prince2, Agile DSDM.

Human resources and communication; Group Psychology, Leadership Skills Team.

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

**Teaching and learning methods:** Introductory lectures are supported by seminars, case studies and practical workshops. In addition this module will be supported by interactive forums and learning tools.

300 hours study time of which 108 hours will represent scheduled learning.

Scheduled learning includes lectures, seminars, tutorials and workshops; external visits.

Independent learning includes hours engaged with essential reading, assignment preparation and completion. Student study time will be organised each week with a series of both essential and further readings and preparation for practical workshops.

Theoretical principles will be delivered within lectures and seminar activity alongside the development of the computing project within practical workshop environments. Formative assessment opportunities will take place throughout the module to ensure that the principles are fully understood.

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

**MO1** Critically discuss the principles and practice of project management, including teamwork and the skills required of a project manager

**MO2** Evaluate the skills required to manage a computing project, the challenges involved and the different approaches and project management techniques that could be utilised to overcome them

**MO3** Critically compare established methodologies and/or approaches of project management

**MO4** The ability to critically evaluate projects in a practical context and apply the knowledge, skills and techniques to analysing and solving practical problems typically arising in project situations

**MO5** Gain an in-depth understanding of the dynamics of the project management discipline, and its emerging applications in contemporary organisations

**Hours to be allocated:** 300

**Contact hours:**

Independent study/self-guided study = 192 hours

Face-to-face learning = 108 hours

Total = 300

**Reading list:** The reading list for this module can be accessed at [readinglists.uwe.ac.uk](https://rl.talis.com/3/uwe/lists/77746AB8-D5DC-EEAF-3CE3-9637C61FE6D5.html) via the following link <https://rl.talis.com/3/uwe/lists/77746AB8-D5DC-EEAF-3CE3-9637C61FE6D5.html>

## **Part 4: Assessment**

**Assessment strategy:** A range of assessment techniques will be employed to ensure that learners can meet the breadth of learning outcomes presented in this module alongside the ability to demonstrate transferable skills e.g. communication skills.

Presentation: On leadership and team dynamics in two project environments

comparing and contrasting how differing approaches potentially effect the management of the project and the team.

Opportunities for formative assessment exist for the assessment strategy used. Verbal feedback is given and all students will engage with personalised tutorials setting SMART targets as part of the programme design.

**Assessment components:**

**Presentation (First Sit)**

Description: Project presentation (30 mins) in-class

Weighting: 40 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO2

**Report (First Sit)**

Description: Critical report (3000 words)

Weighting: 60 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO3, MO4, MO5

**Presentation (Resit)**

Description: Project presentation (30 mins) in-class

Weighting: 40 %

Final assessment: No

Group work: No

Learning outcomes tested:

**Report (Resit)**

Description: Critical report (3000 words)

Weighting: 60 %

Final assessment: Yes

Group work: No

Learning outcomes tested:

### **Part 5: Contributes towards**

This module contributes towards the following programmes of study: