

Liverpool John Moores University

Title: PROJECT MANAGEMENT
Status: Definitive
Code: **5112COMP** (121234)
Version Start Date: 01-08-2021

Owning School/Faculty: Computer Science and Mathematics
Teaching School/Faculty: Computer Science and Mathematics

| Team | Leader |
|------------|--------|
| Janet Lunn | Y |

Academic Level: FHEQ5
Credit Value: 20
Total Delivered Hours: 55
Total Learning Hours: 200
Private Study: 145

Delivery Options

Course typically offered: Semester 1

| Component | Contact Hours |
|-----------|---------------|
| Lecture | 22 |
| Practical | 11 |
| Tutorial | 22 |

Grading Basis: 40 %

Assessment Details

| Category | Short Description | Description | Weighting (%) | Exam Duration |
|----------|-------------------|------------------|---------------|---------------|
| Report | AS1 | Practical Report | 50 | |
| Test | AS2 | In-class Test | 50 | |

Aims

To provide a fundamental understanding of the practical skills and underpinning theory required to manage successful IT projects.

Learning Outcomes

After completing the module the student should be able to:

- 1 Apply practical project management techniques.
- 2 Formulate an appropriate project plan.
- 3 Use a suitable project management tool.
- 4 Explain theoretical elements of Project Management and its' key concepts

Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

| | | | |
|------------------|---|---|---|
| Practical Report | 1 | 2 | 3 |
| In-class Test | 4 | | |

Outline Syllabus

Definitions of Projects and project work
Problems facing the software industry
Metrics & estimation techniques
Project Resource Management
Project Planning & Critical Path Analysis
Use of project management software
Project management methodologies
Project reporting
Monitoring project progress and the re-scheduling of projects
Controlling projects and change management
Earned Value Analysis
Estimation
Risk Management
Project Quality
Project team structures and dynamics
Project Communication

Learning Activities

Lectures, tutorials and laboratory sessions.

Notes

This module provides students with the opportunity to work in groups in order to solve simulated project management challenges.