

## Liverpool John Moores University

Title: Business and Project Management  
Status: Definitive  
Code: **5003AMCPD** (126497)  
Version Start Date: 01-08-2019

Owning School/Faculty: Maritime and Mechanical Engineering  
Teaching School/Faculty: Maritime and Mechanical Engineering

Team	Leader
Ben Matellini	Y
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**Academic Level:** FHEQ5      **Credit Value:** 10      **Total Delivered Hours:** 36  
**Total Learning Hours:** 100      **Private Study:** 64

### Delivery Options

Course typically offered: S1 & S2 & Summer

Component	Contact Hours
Online	24
Tutorial	10

**Grading Basis:** 40 %

### Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Exam	AS2	Examination	100	2

### Aims

*This module is designed to develop the core management techniques required to design, plan and manage a project*

### Learning Outcomes

After completing the module the student should be able to:

- 1 Apply the principles of project management, intellectual property and contract law to design, plan and manage a project.
- 2 Control the financial viability of a project by modelling product cost, sales and profit.
- 3 Recommend a marketing and sales strategy for a new product.

## Learning Outcomes of Assessments

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

Examination	1	2	3
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## Outline Syllabus

*The project management life cycle. Project scope. Project planning to achieve cost, time and quality objectives. Network techniques and the use of Gantt charts. Project execution. Communication. Team management. Quality and risk management of projects. Closing a project. Awareness of agile project methodologies and PRINCE2.*

*Modelling product cost, sales, and profit. Economic modelling, sensitivities, forecasting cash flow (NPV) and investment appraisal. Product/process analysis visualisation tools (IDEF, Value Stream Mapping). Fundamental principles of intellectual property and contract law. Marketing and sales strategies.*

## Learning Activities

On-line lectures and tutorials.

## Notes

This is a single-module CPD programme code 36243

The module introduces appropriate aspects of business and management.

Candidates applying for the module must hold the prerequisite relevant engineering qualifications at Level 3 totalling at least 90 credits. In addition, many will already have a HE level qualification and may use this CPD module to extend or update their existing skill set.

Intake entry point for study onto the CPD module will occur in Semester 1, Semester 2 and during the summer.

The CPD module will not have any formal PSRB accreditation.

Subject benchmark statement - Aligns to Engineering Council UK SPEC

The module is a CPD version of 5501MTC, which is part of the Advanced Manufacturing BEng.

The module will be delivered by remote study of on-line lecture content. Delivery of the module is intended to last approximately 12 weeks.

Learners are allocated a personal tutor, who may be drawn on to deal with any support requirements they may have. This support is delivered virtually using online virtual tutorial sessions.

Formative assessment will be facilitated through tutorial feedback, plus through engagement with online study material and assessment tasks.

The programme is assessed and run in line with the Academic Framework (<https://www.ljmu.ac.uk/about-us/public-information/academic-qualityandregulations/academic-framework>).

The methods for improving the quality and standards of learning are as follows:

- Continuous Monitoring and Enhancement
- Liaison and feedback from the students
- Reports from the External Examiner
- Programme team ensuring the module reflects the values of the current teaching and learning strategy
- Module/Programme Leader updating knowledge and skills to ensure these remain current and relevant.

As the content of this CPD is derived from the Advanced Manufacturing BEng, it will share the same external examiner as that programme.