

Module specification

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Refer to guidance notes for completion of each section of the specification.

Module Code	ONLM713
Module Title	Project Planning, Execution & Quality Control
Level	7
Credit value	15
Faculty	FSALs
HECoS Code	100079
Cost Code	GABP

Programmes in which module to be offered

Programme title	Is the module core or option for this programme
MSc Project Management	Core

Pre-requisites

None

Breakdown of module hours

Learning and teaching hours	15 hrs
Placement tutor support	0 hrs
Supervised learning e.g. practical classes, workshops	0 hrs
Project supervision (level 6 projects and dissertation modules only)	0 hrs
Total active learning and teaching hours	15 hrs
Placement / work based learning	0 hrs
Guided independent study	135 hrs
Module duration (total hours)	150 hrs

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Initial approval date	29th July 2024
With effect from date	September 2024
Date and details of revision	
Version number	1

Module aims

This module will provide managers and entrepreneurs with the foundation to implement methodologies, tools and techniques needed to manage both the execution phase and the monitoring and controlling phase of a project. Emphasis on the synthesizing project requirements for cost and scheduling processes, as well as risk management. This Module also provides an analysis of the principles, tools, and techniques for the execution, monitoring, and controlling of project performance, specifically schedule, cost, and scope. You will learn the tools, techniques, and software needed to establish a project baseline and control the impact of changes to schedule and cost. Topics include network diagrams, estimating time and resources, creating the project baseline, controlling the baseline, crashing the network, optimization and heuristics techniques for resource allocation, earned value management, and statistical control tools.

Module Learning Outcomes - at the end of this module, students will be able to:

1	Develop a comprehensive project plan that incorporates methodologies, tools, and techniques for managing the execution phase, as well as monitoring and controlling the performance of the project, including schedule, cost, and scope.
2	Critically apply the principles, tools, and techniques of project execution, monitoring, and controlling to effectively manage project performance and achieve project goals.
3	Critically evaluate project schedule, cost, and scope to identify potential risks and develop strategies to mitigate these risks and ensure project success.
4	Develop and evaluate project baselines and control mechanisms to manage the impact of changes to project schedule and cost, and maintain project alignment with stakeholder expectations.
5	Critically analyse network diagrams and statistical control tools for projects to optimize resource allocation, identify potential project bottlenecks, and make data-driven decisions to improve project performance.

Assessment

Indicative Assessment Tasks:

Formative Assessment

Formative assessment for this module may include:

End of lesson questions or quizzes, to check knowledge at the end of each unit and module, feedback on subject discussion forums, sharing experiences in groups, self and peer assessment and one-minute papers, to demonstrate understanding and progress of subject knowledge, and improve learning.

Summative Assessment

Assignment 1:

Learners are to develop a comprehensive written project plan that incorporates methodologies, tools, and techniques for managing the execution phase, as well as monitoring and controlling the performance of the project. From this plan, learners are to present a written assignment assessing the effectiveness of that plan in managing project performance and achieving project goals. (Indicative word count – 1,000 words).

Assignment 2:

Students are to present a written portfolio of critically analysed evidence which incorporates implementation and evaluation of a project schedule, project baselines and control mechanisms, and presents a critical analysis of diagrams and statistical tools to make data-driven decisions to improve project performance. (Indicative word count – 2,000 words).

Assessment number	Learning Outcomes to be met	Type of assessment	Weighting (%)
1	1, 2	Written Assignment	40%
2	3, 4, 5	Portfolio	60%

Derogations

None

Learning and Teaching Strategies

The overall learning and teaching strategy is one of guided independent study, in the form of distance learning requiring ongoing student engagement. Online material will provide the foundation of the learning resources, to support a blended approach, requiring the students to log-in and engage on a regular basis throughout the eight-week period of the module. There



will be a mix of recorded lectures and supporting notes/slides, containing embedded digital content and self-checks for students to complete as they work through the material and undertake the assessment tasks. The use of a range digital tools via the virtual learning environment together with additional sources of reading will also be utilised to accommodate learning styles. There is access to a helpline for additional support and chat facilities through Canvas for messaging and responding.

Indicative Syllabus Outline

Project planning, initiation and scope
Methodologies, frameworks and tools
Project planning theory
Project performance
Planning, execution, monitoring and control
Risk management
Quality management, closure and evaluation

Indicative Bibliography:

Please note the essential reads and other indicative reading are subject to annual review and update. Please *ensure correct referencing format is being followed as per University Harvard Referencing Guidance.*

Essential Reads

Project Management Journal
International Journal of Project Management
International Journal of Business and Globalisation
Journal of Business and Management
International Journal of Business and Management
Journal of International Economics
International Trade Journal
Journal of Business Research
International Journal of Corporate Social Responsibility

Other indicative reading

Gujarati, D. (2016). *Econometrics by Example*, New York, USA, Publisher: Palgrave

Heizer, J., Render, B. and Munson, C. (2016). *Principles of Operations Management: Sustainability and Supply Chain Management*, Global Edition Paperback, New York, USA, Publisher: Palgrave

Slack, N. and Brandon-Jones. (2019). *Operations Management*, 9th Edition, London, UK, Publisher: Pearson.

