



Technical Project Management Course Descriptor

Course Title	Technical Project Management	Faculty	EDGE Innovation Unit (London)
Course code	NCHMV580	Course Leader	Marta Rodriguez-Martinez
Credit points	15	Teaching Period	6 weeks
FHEQ level	5	Date approved	March 2021
Compulsory/Optional	Compulsory		
Prerequisites	None		
Co-requisites	None		

COURSE SUMMARY

This course builds on the foundational knowledge of project management from the Data Analysis in Industry course. The course will provide learners with the tools needed to manage technology projects. Learners will use and manipulate common project management tools, such as Gantt charts, various agile methodologies and Causal Analysis. Learners will learn to identify the appropriate tools and methods in response to specific project needs. Learners will learn and apply appropriate project management terminology including project scoping, planning, delivery, risk management and benefits realisation. They will identify and address issues including stakeholder management, milestone setting and delivering to deadlines. Learners will also budget, distribute and oversee resources - financial and otherwise - relating to a project.

COURSE AIMS

- Train learners to identify and use key project management methods.
- Expose learners to various project planning, scheduling, budgeting and management tools.
- Train learners to create and develop project planning documents.
- Train learners to execute and manage a project.

LEARNING OUTCOMES

On successful completion of the course, learners will be able to:

KNOWLEDGE AND UNDERSTANDING

- K1b Develop and evaluate a traditional project charter or an appropriate agile charter based on the scope, type and requirements of a project
- K1b Justify the use of an appropriate methodology for creating a project schedule and use it to create an estimate of the work
- K1b Identify and evaluate project risks and recommend actions to mitigate them

SUBJECT SPECIFIC SKILLS

- S1b Apply appropriate agile methodologies using monitoring and control procedures.
- S3b Review and evaluate a completed project using a relevant framework.
- S3b Develop, propose and justify a project budget.

TRANSFERABLE AND PROFESSIONAL SKILLS

- T2b Manage a project using relevant tools.
- T2b Apply forward thinking to planning a project .
- T3b Prepare supporting documentation.

TEACHING AND LEARNING

The course learning and teaching hours will be structured as follows:

- Seminar = 15 hours
- Applied Seminar = 7.5 hours
- Coaching session = 1 hour
- Academic Drop-ins = 4 hours
- Reading and Assessment Prep = 32.5 hours
- Application of learning = 90 hours

Total = 150 hours

ASSESSMENT

FORMATIVE

Learners will be formatively assessed during the course through a range of techniques. During seminars, applied learning seminars and one to one coaching, questioning and quizzing are used as formative assessment. The purpose of the formative assessment is to provide learners with developmental feedback to support their learning.

SUMMATIVE

AE	Assessment Type	Weighting	Online submission	Duration	Length
1	Written Assignment	70%	Yes	-	2500 words +/-10%
2	Exam	30%	Yes	1 hour	-

The summative assessment will be assessed in accordance with the assessment aims set out in the Programme Specification.

FEEDBACK

Learners will receive formal feedback in a variety of ways. For summative assessments, feedback is written and provided within 20 days of submission, and for formative assessment it could include verbal or written feedback. Learners will also have a progress review each quarter with their Multiverse coach and their line manager. These reviews are an opportunity to discuss progress to date both in their role and on the degree programme.

For summative exams, feedback is provided through generic internal examiners' reports, which are posted on the Appli.ed learning platform.

INDICATIVE READING

Note: Comprehensive and current reading lists for courses are produced annually in the Course Syllabus or other documentation provided to learners; the indicative reading list provided below is used as part of the approval/modification process only.

BOOKS

Layton, M.C., Ostermiller, S.J. and Kynaston, D.J., 2020. *Agile project management for dummies*. John Wiley & Sons.

Hughes, B. 2019., *Project management for IT-related projects* : 3rd Edition, Swindon: BCS

Osterwalder, A., Pigneur, Y., Bernarda, G. and Smith, A., 2014. *Value proposition design: How to create products and services customers want*. John Wiley & Sons.

INDICATIVE TOPICS

Learners will study the following topics:

- Projects, programs and portfolios in the organisation
- Project initiation and the project charter
- Project management tools
- Planning tools
- Risk management strategies

Title: NCHMV580 Technical Project Management Course Descriptor					
Approved by: Academic Board					
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1.0	March 2021	March 2021	Marta Rodriguez-Martinez	Multiverse website	March 2026
Modifications (As per AQF4)					
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