

<b>Module code</b>	<b>PRM704</b>	<b>Level</b>	<b>7</b>
<b>Module title</b>	<b>Tools and Techniques for Project Management</b>		
<b>Status</b>	Core		
<b>Teaching Period</b>	Spring		
<b>Courses on which the module is taught</b>	MSc Project Management		
<b>Prerequisite modules</b>	No		
<b>Notional learning hours</b>	200	<b>Credit value</b>	20
		<b>ECTS Credits</b>	10
<b>Field trips?</b>	All field trips are subject to availability and are optional		
<b>Additional costs</b>	N/A Any costs will be borne by the University		
<b>Content notes</b>	N/A		

## 1. Module description

We live in a world increasingly driven by emerging technologies such as Artificial Intelligence – and there is an increasing demand for project managers who can use contemporary tools, techniques and methodologies to achieve game-changing project solutions. The job market is hungry for project managers who can be creative, entrepreneurial and digitally agile – and who also know how to collaborate effectively and communicate persuasively.

In this hands-on module, you will learn how to make best use of the technological enhancements and developments in the ever-changing field of project management to enable you to lead and manage information and people. You will explore practical, strategic and ethical implications using a combination of case studies, reviewing relevant publications and project-based teamwork.

Finally, you will appraise and utilise project management tools, technologies and contemporary methodologies that are appropriate for project management in the era of AI to equip you to become a project management agent for change.

## 2. Learning Outcomes

*Upon successful completion of this module, you will be able to:*

### Collaboration (MLO 1)

Lead and negotiate with project teams to solve project management challenges whether large, small or complex.

### Communication (MLO 5)

Communicate persuasively in various aspects of the project management journey both orally and in writing in multicultural and/or international settings

**Digital Data & Tools (MLO 6)**

Appraise and utilise digital tools and complex data as part of the project management journey

**Discipline Skills (MLO 8)**

Combine and employ advanced tools and techniques (including methodologies) for project management.

**3. Learning and teaching methods, and reasonable adjustments**

This module takes an active-learning approach which places you at the centre of your own learning journey. Each week, you will engage in a variety of activities that get you to research theories and concepts, acquire new information, share your ideas and perspectives, participate in discussions, collaborate with your peers, and reflect on your learning. Through this approach to learning, you will develop new knowledge and skills and practice applying them to real-world workplace situations. These activities, along with the formative assessments and feedback, will culminate in summative assessments which will showcase how you have met the learning outcomes of the module.

<b>Learning hours</b>			<b>200</b>
<b>Directed learning</b>			<b>48</b>
<b>Workshops (48)</b>			
<b>Guided/Self-guided learning</b>			<b>152</b>

**4. Assessments and weighting, reasonable adjustment, and feedback methods****Assessment component 1: Group Report, 70% TMM**

Maximum Word Count or Equivalent: 2500 words

You will take part in a team-based project management 'challenge' (during which you will learn how to make best use of the technological enhancements and developments in the ever-changing field of project management whilst also enabling you to lead and manage both information and people) culminating in your team submitting a Project Report.

Reasonable adjustments for the assessment will be confirmed with students that have a support plan in place.

Allocation of marks for group work will be specified in the assignment brief.

**Assessment component 2: Presentation, 30% TMM**

Word Count or Equivalent: Maximum 10 minutes

You will present an account of the journey travelled during the creation of the Assessment 1 to enable you to demonstrate your individual knowledge and skills (in project management) and your personal role in the collaborative experience.

Reasonable adjustments for the assessment will be confirmed with students that have a support plan in place.

Mapping of assessment tasks:

Assessment components	MLO1	MLO5	MLO6	MLO8
Group Report	x	x	x	x
Presentation		x	x	

The above assessment components are summative. Students will have the opportunity for formative assessment and feedback before each summative assessment.

### Indicative resources

Association of Project Management (2023). APM Body of Knowledge (7<sup>th</sup> edition).  
<https://www.apm.org.uk/book-shop/apm-body-of-knowledge-7th-edition/>

Association of Project Management (2023). APM Competency Framework (3<sup>rd</sup> edition)  
<https://www.apm.org.uk/v2/media/1cflfk3t/apm-competence-framework-3rd-editionfinalrevised.pdf>

Association of Project Management (2024). What is Agile Project Management?  
<https://www.apm.org.uk/resources/find-a-resource/agile-project-management/>

Association of Project Management (2024). Events Schedule 2024  
<https://www.apm.org.uk/events/#full>

Cobb, C. (2023). The Project Manager's Guide to Mastering Agile. (Wiley)  
<https://www.wiley.com/en-gb/The+Project+Manager%27s+Guide+to+Mastering+Agile%3A+Principles+and+Practices+for+an+Adaptive+Approach%2C+2nd+Edition-p-9781119931379>

Sahadevan, S. (2023). Project Management in the Era of Artificial Intelligence. *European Journal of Theoretical and Applied Sciences*, 1(3), 349-359.  
[https://doi.org/10.59324/ejtas.2023.1\(3\).35](https://doi.org/10.59324/ejtas.2023.1(3).35)

Taylor, P. (2021). AI and the Project Manager: How the Rise of Artificial Intelligence Will Change Your World. Routledge.