

Module Specification

Module Summary Information

1	Module Title	Project Management
2	Module Credits	20
3	Module Level	6
4	Module Code	BNV6120

5	Module Overview
<p>This module will provide you a critical perspective on the nature, and a number of essential aspects of construction projects together with the approaches and techniques to manage them.</p> <p>The module will establish construction projects as an organisational entity, and highlight the two main approaches to the management of projects. The first one is the functional management approach which is largely based on structured techniques and methods, and the second one is the organisational management approach which sees management as an ongoing social and organisational process. You will be introduced to both approaches, and shown how to use them in a balanced way for the successful management of construction projects. While the organisational management approach to project management will provide you the intellectual skills that you need for project management, the functional management approach will equip you with the technical skills.</p> <p>Learning about the first approach (i.e. functional management approach) you will understand how to define the project in a structured way using project breakdown structures, and how to use these for further planning and control functions in the project.</p> <p>Learning about the second approach (i.e. organisational management approach) you will appreciate the fundamental difficulties of managing construction projects due to their inherent uncertainty and complexity. Therefore you will also appreciate the need for a multiplicity of management perspectives that you need to employ simultaneously for the successful management of projects.</p> <p>The content of the module will be delivered around these management perspectives which are typical to contemporary construction project management covering both of the aforementioned approaches.</p> <p>The assessment will enable you to practice the functional management techniques that you have learned (i.e. Coursework 1) as well as to critically use the organisational management perspectives that you have learned (i.e. Coursework 2).</p> <p>This module also offers an alternative assessment strategy for those engaging in a relevant study abroad programme or those who successfully completed a placement year, at the end of level 5 who actively participated within a project management capacity.</p>	

6	Indicative Content
<p>This module provides introduction to construction project management aspects. It will be assessed via two connected assessments.</p> <p>Topic areas includes:</p> <ol style="list-style-type: none"> 1. Integrated project delivery and collaborative practices. 2. Construction scheduling, programming, earned value analysis and cash flow. 3. Risk and value management. 4. Health and safety in construction, Risk identifications and corporate responsibilities. 5. Innovative practices such as BIM and its applications. 6. Stakeholder engagement. 7. Sustainability and building performance. 8. People management. 9. Project culture and leadership. 10. Project management: international perspective 	

7	Module Learning Outcomes
On successful completion of the module, students will be able to:	
1	Learn how to use industry's standard project planning and control tools and techniques.
2	Develop a critical understanding of complexity and uncertainty inherent in construction projects.
3	Develop an operational understanding of various project management perspectives which need to be simultaneously in order to deal with complexity and uncertainty inherent in construction projects.

8	Module Assessment		
Learning Outcome	Coursework	Exam	In-Person
1-3	X		

9	Breakdown Learning and Teaching Activities	
Learning Activities	Hours	
Scheduled Learning (SL) includes lectures, practical classes and workshops, peer group learning, Graduate+, as specified in timetable	48 You will undertake a patched coursework which include two parts as shown in the Assessment Schedule below to demonstrate both an understanding of project management methods and the relationship between theoretical position and construction project management practices. You need to apply critical thinking and problem solving skills in addressing the issues at hand and articulate a plausible and well-argued through approach to address the key questions raised by both coursework.	
Directed Learning (DL) includes placements, work-based learning, external visits, on-line	54	

activity, Graduate+, peer learning, as directed on VLE	You should use the time given in Directed Learning research reflect and consolidate you understanding of project management methods and principles and be able to explore new innovative methods by accessing both professional bodies and construction companies and learn from the current development and technologies used to enhance the delivery of construction projects for a wide range large scale building types using relevant construction management web sites, research current construction management methods and processes and actively incorporate your reflective and critical analysis to address the key issues raised by the 2 coursework.
Private Study (PS) includes preparation for exams	98 You should use the time given in Private Study to research reflect and consolidate you understanding of bot functional and organisational management approach using construction web sites, research current construction project management techniques and actively incorporate your reflective analysis as integral part of the coursework.
Total Study Hours:	200