

Module Specification

Module Summary Information

1	Module Title	Planning and Programming
2	Module Credits	20
3	Module Level	5
4	Module Code	BNV5105

5	Module Overview
<p>This module aims to deliver both knowledge and technical skills required to plan and program activities for a construction site at an undergraduate level.</p> <p>The module delivers a breadth of knowledge on major areas of the construction process. This includes site set up activities, different aspects of health and safety, accountancy of risks and risk assessment, planning and programming, data and information management, communication and management theories, and the role of CDM regulations within a construction project.</p> <p>It also utilises the use of software applications and recent digital processes as part of the delivery, so you can cope with the current pace of the construction industry.</p> <p>During the assessment process, you will also develop your communication skills and problem solving skills in providing professional advice to your client.</p> <p>This module provides a good foundation where both technical and managerial skills are combined within the construction environment.</p> <p>This module may also offer an alternative assessment strategy for those who have successfully completed a placement year, at the end of level 4 and actively participated within a planning and programming department.</p>	

6	Indicative Content
<ul style="list-style-type: none"> • Introduction to construction sites and site management (layout). • Health and safety, risk management and CDM Regulations. • Overview of planning and programming techniques. • Use of planning software applications (MS Project). • Data and Information management during pre-construction and construction stages • Management, communication and legal considerations during pre-construction and construction stages. • BIM-based Planning and programming (4D BIM). 	

7	Module Learning Outcomes	
	On successful completion of the module, students will be able to:	
	1	Demonstrate knowledge and understanding of the principles of site management and health and safety implications on a construction site.
	2	Apply and demonstrate the use of programming and planning software.
	3	Appraise the control of communication and reporting techniques.
	4	Assess and evaluate the impact of various techniques/procedures on planning, programming and management of a construction site.

8	Module Assessment		
Learning Outcome			
	Coursework	Exam	In-Person
1-4	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	
Directed Learning (DL) includes placements, work-based learning, external visits, on-line activity, Graduate+, peer learning, as directed on VLE	72	
Private Study (PS) includes preparation for exams	80	
Total Study Hours:	200	