

Module Specification

Module Summary Information

1	Module Title	Building Technology
2	Module Credits	20
3	Module Level	3
4	Module Code	BNV3006

5	Module Overview
<p>Within the built environment, many traditional and modern techniques are being incorporated in order to cope with the nature and functional requirements of a building. This module aims to draw focus upon high level elements that are present in every building including building structure, enclosure, materials and environmental factors. Building on the knowledge that you developed from “Built Environment Context and Practice”, this module compliments the importance of different professions within the built environment.</p> <p>This module has additional 2 hours for support.</p>	

6	Indicative Content
<ul style="list-style-type: none"> • Review principles and history of structures (Structural Models, Case studies). • Review principles and history of enclosure (Modern Enclosure, Worked examples). • Identify different external factors that impact on the building envelope and structure (Site Planning, Site Selection, Building Orientation and landscaping). • Identify factors that influence material degradation and aging (Degradation, Aging and Defects). • Develop reflective diary throughout the module. 	

7	Module Learning Outcomes
On successful completion of the module, students will be able to:	
1	Describe the principles of building structures and enclosure.
2	Explain why certain construction materials are used and how buildings age and degrade.
3	Demonstrate awareness of different environmental factors impacting upon buildings.

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
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