

Module Specification

Module Summary Information

1	Module Title	Digital Design Practice with Existing Buildings
2	Module Credits	20
3	Module Level	6
4	Module Code	BNV6133

5	Module Overview
<p>This module will provide you with a foundation of knowledge and practice to establish and execute the BIM process, facilitate its adoption, and achieve site survey data to execute multiple BIM data developments for a client representative. The project development will focus a specified building. The assessment builds on your ability to conduct a professional site survey, develop as-built BIM data for a client, and drawing outputs from site survey and independent desk studies.</p>	

6	Indicative Content
<ul style="list-style-type: none"> • Define process, adoption, and integration as related to BIM implementation. • Conduct a professional site survey on a building. • Communicate professionally with clients and the general public during a site survey. • Describe the roles and responsibilities of participants in the BIM process. • Develop an independent desk study of historical construction methods and materials. • Develop custom BIM data for client delivery. • Communicate the BIM process to management, colleagues, and project stakeholders. 	

7	Module Learning Outcomes
On successful completion of the module, students will be able to:	
	1 Plan for and manage the effective application of current UK development standards on BIM project delivery for existing buildings.
	2 Critically evaluate a client brief and structure a response to initially clarify and subsequently provide suitable solution to client briefing.
	3 Critically appraise and effectively employ key competencies, skills and attributes for effective professional practice during site surveys.
	4 Assess and implement BIM application skills for the development of custom model data for client delivery.

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		