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

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.

6. Indicative Content

- 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.
### Module Assessment

<table>
<thead>
<tr>
<th>Learning Outcome</th>
<th>Coursework</th>
<th>Exam</th>
<th>In-Person</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-4</td>
<td>X</td>
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### Breakdown Learning and Teaching Activities

<table>
<thead>
<tr>
<th>Learning Activities</th>
<th>Hours</th>
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<tbody>
<tr>
<td><strong>Scheduled Learning (SL)</strong> includes lectures, practical classes and workshops, peer group learning, Graduate+, as specified in timetable</td>
<td>48</td>
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<tr>
<td><strong>Directed Learning (DL)</strong> includes placements, work-based learning, external visits, on-line activity, Graduate+, peer learning, as directed on VLE</td>
<td>72</td>
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<tr>
<td><strong>Private Study (PS)</strong> includes preparation for exams</td>
<td>80</td>
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<td><strong>Total Study Hours:</strong></td>
<td>200</td>
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