

Year	Term 1	Term 2	Term 3
12	<p>Unit Title – Defining a Sustainable Construction Project Area of Focus – Understand a Client’s Needs and Formulating a Project Brief</p> <p>Students will be learning:</p> <ul style="list-style-type: none"> <li>- How to research and convey a project remit</li> <li>- Standards for sustainability in a construction project</li> <li>- How to define site information required at pre-design phase</li> </ul>	<p>Unit Title – Developing a Sustainable Construction Project Area of Focus – Understanding the constraints of a Project and drafting a Plan</p> <p>Students will be learning:</p> <ul style="list-style-type: none"> <li>- How to prepare a design brief</li> <li>- How to take steps to appoint an effective design team</li> <li>- Use building information modelling techniques for concept design</li> <li>- How to prepare information and resources needed to support a planning application</li> </ul>	<p>Unit Title – Investigate design, structural and service aspects of a sustainable construction projects Area of Focus – Developing a feasible project proposal</p> <p>Students will be learning:</p> <ul style="list-style-type: none"> <li>- How to gather and analyse information to develop their design</li> <li>- How to gather and analyse information to develop structural elements</li> <li>- How to gather and analyse information to develop the building services elements</li> </ul>
13	<p>Unit Title – Deliver design, structural and services aspects of a sustainable construction project Area of Focus – Supporting the Development of a Project</p> <p>Students will be learning:</p> <ul style="list-style-type: none"> <li>- How to use building information modelling techniques to develop designs</li> <li>- How to use building information modelling techniques to develop structural elements of their project</li> <li>- How to use building information modelling techniques to develop the building elements of their project</li> </ul>	<p>Unit Title – Lifecycle and financial planning for a sustainable construction project Area of Focus – Developing an understanding of Technical Issues and how to avoid mistakes</p> <p>Students will be learning:</p> <ul style="list-style-type: none"> <li>- How to use building information modelling techniques to support the operational management of their building</li> <li>- How to understand cost analysis and financial control</li> <li>- How to produce a budget for a complex building project</li> <li>- How to make objective comparisons between construction methods</li> <li>- How to present a summary of work to a critical audience</li> </ul>	