UNIVERSITY COLLEGE
OF ESTATE MANAGEMENT

Introduction to the Built Environment 2

Module Descriptor

Module Code:	INT4BE2
Version:	2.00
Status:	Final
Date:	07/11/2024

Summary Module Details

Module details

Module Title: Introduction to the Built Environment 2

Module Leader: Hazel Lobo / Sukhi Lidher / David Fagan

Module Mode: Supported online learning

Semester: Autumn (UK)

Level: 4

Credits: 20

Learning Hours: 200

Contact & Study Hours

Directed Study Time: 90 hrs (45%)

Self-directed Study Time: 50 hrs (25%)

Assessment Study Time: 60 hrs (30%)

Assessment Type

Coursework: 40%

Computer Based Assessment: 60%

Portfolio: 0%

Presentation: 0%

Project: 0%

Practical: 0%

Self-directed Research: 0%

Module Summary

The primary focus of this module is to provide the students with an introduction to their discipline (as identified by their programme of study). Students will undertake an authentic task that will develop basic knowledge and skills. To contextualise the task, students will gain an understanding of procurement routes, clients project objectives, sources of project information and collaborative practice.

Taken on which Programmes

BSc (Hons) Building Control (C)

BSc (Hons) Building Surveying (C)

BSc (Hons) Construction Management (C)

BSc (Hons) Quantity Surveying (C)

Certificate of Higher Education (CertHE) Built Environment Studies (C)

Core (C) or Elective (E)

Module Aims

This module aims to:

- Introduce students to discipline specific activities within the context of a project procured by traditional procurement.
- Enable students to use sources of information appropriate to a discipline specific task.
- Develop students' understanding of the information management systems and digital technologies that enable effective stakeholder collaboration.

Module Learning Outcomes

LO1. Describe procurement routes and their appropriateness in relation to client's objectives.

LO2. Describe the digital tools and data environments used in the surveying and construction management professions.

LO3. Identify and use sources used within the sector, appropriate to the student's discipline to carry out basic tasks.

LO4. Demonstrate knowledge and skills within the case study relevant to the student's discipline.

Indicative Module Content

Module topics

- **Client Objectives**

  An overview of procurement routes. An understanding of Time, Cost and Quality and how they are articulated and managed during the development and construction process.

- **Collaborative Practice and Data environments**

  Collaborative practices within the sector and the information management systems and technologies which support them. Introduction to the topic of data collaboration, environments, and use of current modelling such as of Building Information Modelling and Management; the process and analysis of such environments, their relevance, strengths, and weaknesses.

- **Sources of Project Information**

  Internal and external information sources that are used for project information and services offered by the sector; i.e., BCIS, NBS.

- **Case Study**

  The module will have a case study where the client's objectives are to develop an existing site, involving the adaption of existing premises and new build. **Students will be required to undertake a discipline specific task.** This task will enable them to demonstrate fundamental knowledge and skills and gain an appreciation of the digital technologies that support them.

This content will be reviewed and updated regularly to reflect the legal, ethical, and financial changes in professional standards and practice.

Overview of Summative Assessment

Module learning outcomes	Assessment	Word count or equivalent	Weighting
LO1, LO2, LO3	**Assessment 1** Computer Based Assessment (CBA)	1,800 word equivalent	60%
LO2, LO3, LO4	**Assessment 2** Coursework	1,200	40%

Module Pass Mark (as a weighted average of all assessments): 40%

Key Module Learning Resources

Core Sources and Texts

The core reading resources within each module will be provided via the specific Virtual Learning Environment (VLE) module pages and within the e-Library. Additional reference material and supplementary resources to support your studies are available through the UCEM e-Library.

Module tools

Students will have access to study materials, dedicated academic support, student forums, and learning activities via an online learning platform (VLE).

The module page on the VLE is broken down into structured study weeks to help students plan their time, with each week containing a mixture of reading, case studies, videos/recordings, and interactive activities to go through. Online webinars/seminars led by the Module Leader can be attended in real time and provide opportunities to consolidate knowledge, ask questions, discuss topics and work through learning activities together. These sessions are recorded to support students who cannot attend and to enable students to recap the session and work through it at their own pace. Module forums on the VLE provide further opportunities to discuss topics with other students, complete collaborative work and get extra help from the module team.

Professional online resources

The e-Library provides access to trusted, quality online resources, selected by subject specialists, to support students' study. This includes journals, industry publications, magazines, academic books, and a dissertation/work-based library. For a list of the key industry specific and education resources available please visit the VLE e-Library.

Other relevant resources

Access is also provided to further information sources that include the British Library and Open University UK catalogues, as well as providing a monthly current awareness service entitled, ***Knowledge Foundations*** - a compendium of news, research and resources relating to the educational sector and the Built Environment.

The module resource list is available on the module VLE page and is updated regularly to ensure materials are relevant and current.