Liverpool John Moores University

Title:	GROUP PROJECT
Status:	Definitive
Code:	**5507ICBTBS** (126993)
Version Start Date:	01-08-2021
Owning School/Faculty:	Civil Engineering and Built Environment
Teaching School/Faculty:	ICBT, Colombo

Team	Leader
Alison Cotgrave	Y

Academic Level:	FHEQ5	**Credit Value:**	15	**Total Delivered Hours:**	76
Total Learning Hours:	150	**Private Study:**	74		

Delivery Options
Course typically offered: Semester 2

Component	Contact Hours
Lecture	30
Practical	1
Tutorial	15
Workshop	30

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Portfolio	AS1	Portfolio - Collaborative Project	70	
Essay	AS2	Assignment (Specialist Design)	30	

Aims

Aim(s) of the module is to demonstrate an understanding about practical situations & applications in building construction projects and service installation, to apply various concepts, theories & principles of construction, engineering & building services practice to complex applications and assess the necessity of effective team communication & coordination skills among & team working for the success of a

construction project.

Learning Outcomes

After completing the module the student should be able to:

1	Apply built environment principles and techniques to a complex construction project by utilising appropriate architectural, engineering and construction software to facilitate the decision making process.
2	Interpret project briefs and assimilate information from a variety of sources in order to define and contextualise the scope and complexity of a project.
3	Propose, test and select feasible solutions to specified tasks and problems across a range of building services related subjects.
4	Apply, evaluate and justify appropriate solutions to specified tasks and problems across a range of building services related subjects.

Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

Portfolio	2	3	4
Assignment	1		

Outline Syllabus

BIM software technologies, negotiation skills, sustainable design, cost, programme and legal considerations.

Needs Analysis: Interpreting and assimilating the project brief, client familiarisation, scope and requirements of the project, aims, objectives and targets, identification of legislative and other constraints.

Feasibility: Investigation and analysis of possible solutions.

Detailed Proposals: Selection and development of detailed solutions to set tasks.

Evaluation: Critical analysis of proposals.

Planning and task management: Planning, time management, work allocation, progress review, standards and quality control, record keeping and documentation.

Evaluation, Presentation & Review: review and evaluation of final outcomes, presentation of outcomes and final documentations via written, verbal, graphical and multi-media presentations

Learning Activities

Students will be supported in their learning, to achieve the above learning outcomes.

Notes

.