

Summary Information

Module Code	4501ICBTBS
Formal Module Title	Introduction to Building Services
Owning School	Civil Engineering and Built Environment
Career	Undergraduate
Credits	15
Academic level	FHEQ Level 4
Grading Schema	40

Teaching Responsibility

LJMU Schools involved in Delivery
LJMU Partner Taught

Partner Teaching Institution

Institution Name
International College of Business and Technology

Learning Methods

Learning Method Type	Hours
Lecture	45
Off Site	3
Tutorial	15

Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
SEP-PAR	PAR	September	12 Weeks

Aims and Outcomes

Aims	Aim(s) of the module is to develop knowledge and understanding on basics of Building Services and types.
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After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Identify & understand essential building services used in various types of building.
MLO2	2	Identify & understand designing principles and space requirements for building services of various types of building.

Module Content

Outline Syllabus	Components of services: HVAC, Electrical systems and distribution, Lighting System (Internal & External), Mechanical transportation, Access Controlling, Security, Fire safety, Disposal systems (Sanitary & Solid waste), Water supply and plumbing system, Telecommunication, Parking, Storm water drainage. Building service integration & commissioning. Design and Legal requirements of internal spatial planning: ventilation, building partitioning, suspended ceilings & raised floors, plant rooms, service core, disable access and washroom facilities.
Module Overview	
Additional Information	

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Report	Investigative Report	40	0	MLO1, MLO2
Exam	Written Examination	60	2	MLO1, MLO2

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Alison Cotgrave	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings
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