Module Proforma

Approved, 2022.02

Summary Information

Module Code	5569NCCG
Formal Module Title	Smart Facilities Management
Owning School	Civil Engineering and Built Environment
Career	Undergraduate
Credits	20
Academic level	FHEQ Level 5
Grading Schema	40

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Graham Sherwood	Yes	N/A

Module Team Member

Contact Name	Applies to all offerings	Offerings

Partner Module Team

Contact Name	Applies to all offerings	Offerings

Teaching Responsibility

LJMU Schools involved in Delivery
LJMU Partner Taught

Partner Teaching Institution

Institution Name
Nelson and Colne College Group

Learning Methods

Learning Method Type	Hours
Lecture	48

Module Offering(s)

Offering Code	Location	Start Month	Duration
SEP-PAR	PAR	September	28 Weeks

Aims and Outcomes

Aims	The aim of this module is to provide students an overview of the principal dimensions of contemporary and smart facilities management. The module will introduce the history, dynamics, and various aspects of facilities management including information technology systems and space management. On completion of the module the students will have knowledge and skills to achieve optimum results which has been the key to success in meeting the strategic challenges faced by many organisations in their use of built assets.

Learning Outcomes

After completing the module the student should be able to:

Code	Description
MLO1	Explain the history and growth of facilities management as a specialisation within the property and construction sector
MLO2	Assess and recommend appropriate facilities management solutions of benefit to an organisation
MLO3	Apply a range of specialist techniques in planning the facilities management function in an organisation
MLO4	Analyse client requirements, corporate real estate management, maintenance management, procurement and tendering, project financial control, supplier management, environmental management, GIS and health & safety

Module Content

Outline Syllabus
Facilities management: An introduction and overviewRole of facilities managerFacilities management strategiesStructuring and organising the facilities departmentProperty as a facility - space managementProperty as an asset – asset management Introduction to Quality Management for the Facilities ManagerGIS (Geographic Information Systems) as a tool in Facilities Management.Support Services for Facilities Management.Strategies for improving Facilities Management implementation in organisations.Maintenance management systems and Best ValueFinancial and assets management of buildingBuilding disposal strategies Computer aided facilities management systems (CAFM)Space ManagementPhysical and functional obsolescence.Sick Building Syndrome

Module Overview

Additional Information

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Learning Outcome Mapping
Report	Case Study	60	0	MLO2, MLO3, MLO1
Report	Report	40	0	MLO4