Facilities Management

Module Descriptor

Module Code:	MAN7FAC
Version:	1.00
Status:	Final
Date:	27/02/2025

Approval History

Version	Date	Name	Organisation
V1.00	27/02/2025	Approved by Revalidation Panel	UCEM

Document History

Version	Date	Reason	Person
V0.01	23/10/2024	Draft for internal scrutiny	Christine Gausden
V0.02	27/11/2024	Draft for revalidation	Christine Gausden

Summary Module Details

Module Title: Facilities Management

Module Leader: Christine Gausden

Module Mode: Supported online learning

Semester: Autumn (UK)

Level: 7

Credits: 20

Learning Hours: 200

Contact & Study Hours:

Directed Study Time: 60hrs (30%)

Self-Directed Study Time: 70hrs (35%)

Assessment Study Time: 70hrs (35%)

Assessment Type:

Coursework: 100%

Computer Marked Assessment: 0%

Self-directed Research Project: 0%

Portfolio: 0%

Module Summary

This module aims to develop the understanding of, and practice in, the skills associated with facilities management, and the planning and controlling of the maintenance of built assets. The focus is the skills and knowledge required by the construction manager who may be involved in facilities management and the maintenance of built assets. Students will develop their understanding of the theory of facilities management, and construction management and technology from earlier modules, and will apply these theories in context.

Taken on which Programmes

MSc Construction Management (C)

Core (C) or Elective (E)

Module Aims

This module aims to:

- Provide an overview of facilities management and the requirements for the client, building owner, and responsible parties, to manage the maintenance and operation of built assets;
- Develop existing knowledge of building construction, services, and materials, focusing on the facilities management and maintenance of built assets from a global perspective;
- Integrate sustainable methods, technologies and processes within the facilities management and maintenance of built assets; and
- Provide a foundation for the maintenance of the historic environment together with the conservation and repurposing of assets for future generations in the international arena.

Module Learning Outcomes

LO1. Critically analyse the characteristics of best practice methods and processes and the impact on built assets, demonstrating a systematic understanding of facilities and maintenance management.

LO2. Critically appraise the capability to manage built assets, and capital, operational, and emergency, maintenance works in a safe, ethical, and sustainable manner, in accordance with current regulations and professional standards.

LO3. Critically evaluate arguments, assumptions, concepts, and data; define challenges and identify a range of solutions; and apply judgement when advising of potential solutions.

LO4. Communicate information, ideas, problems, and solutions in a reasoned manner and in writing.

Indicative Module Content

Module topics

- **The Asset Life Cycle**

  Repairs and refurbishment, and the obsolescence gap; the repurposing and regeneration of built assets; the changing use of space.

- **Sustainable Assets**

  Design principles, Sustainable Development Goals, Corporate Social Responsibility, BREEAM in use, energy performance; wellbeing.

- **Facilities Management**

  Strategy; soft and hard service provisions; professional parties; skillsets of facilities managers.

- **Stakeholders**

  Clients; end-users; occupancy; logistics; case studies – estates, assets, and clients; the wider application of ethics.

- **Risk and H&S**

  Existing assets; modern and aged assets; occupancy; logistics; persons; aesthetics.

- **Planned Maintenance**

  Defects, causes, and remedial works; maintenance strategies, operational and capital works; emergency works.

- **Information Management**

  Data; Soft Landings; Building / Information Management; operational guidance.

- **Procurement**

  Direct Labour; outsourcing functions; Service Level Agreements; contract options; Total Facilities Management.

- **Legislation**

  Key and current drivers; the Building Safety Act; the Fire Safety Act; Building Regulations; building services; shared and common services.

- **Disaster Recovery**

  Disasters; planning and Business Continuity; triage; temporary structures.

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, LO4	**Assessment 1** Coursework	2,000	40%
LO1, LO2, LO3, LO4	**Assessment 2** Coursework	3,000	60%

Module Pass Mark (as a weighted average of all assessments): 50%

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.