

Prepared by Dr. Weam Nasan Agha

REA619
Property and Facilities Management

Orientation Lecture



Real Estate Management

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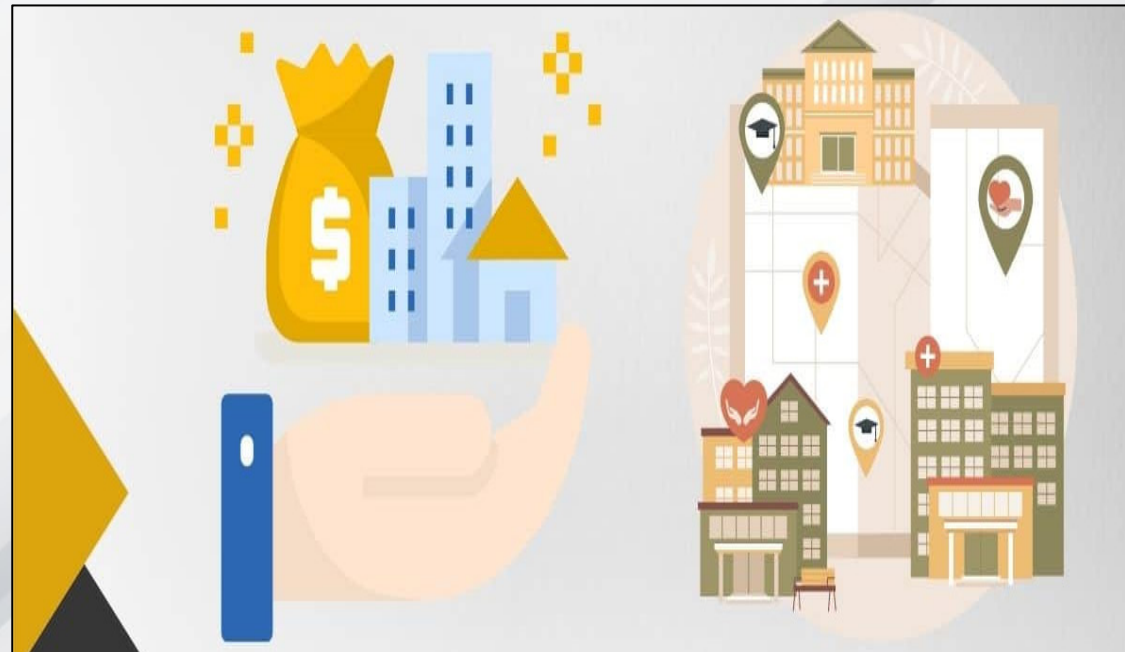
Contents

- The Concept of Property Management
- The Concept of Facility Management
- Property Management vs. Facility Management
- Course Description
- Course Objectives
- Topics to be covered
- Learning Outcomes

The Concept of Property Management

Property management is the operation, control, and oversight of real estate, including residential, commercial, and industrial properties. It involves activities such as leasing, rent collection, maintenance, and tenant relations.

The concept of **property management** first emerged in the late 19th and early 20th centuries as cities expanded rapidly due to industrialization. As urban populations grew and real estate holdings became more complex, property owners required professional assistance to manage properties.



The Concept of Facility Management

Facility management is the integration of people, place, process, and technology to ensure the functionality, comfort, safety, and efficiency of the built environment.

The concept of **Facility Management** emerged in the late 1970s in the United States, driven by the growing complexity of workplaces and the increasing need to integrate administrative and technical services.



Property vs Facility Management



focuses on financial performance, leasing, and tenant relations.



focuses on service delivery, maintenance, and operational efficiency.

Property = Asset-driven | Facilities = Service-driven

Both functions are complementary in real estate operations.

Property and Facilities Management are vital for the long-term success and performance of real estate assets.

Course Description

Property and Facilities Management (PFM) is a critical discipline that ensures the effective and efficient operation of buildings, physical assets, and real estate.

This course provides students with a thorough understanding of the principles, practices, and tools required to manage residential, commercial, and institutional properties throughout their lifecycle.

It emphasizes strategic planning, operational maintenance, sustainability, and compliance, while highlighting the role of technology and innovation in modern facilities management.

Total Hours

3





Course Objectives

- Understand the fundamental concepts and scope of property and facilities management.
- Analyze the roles and responsibilities of facility and property managers in various sectors.
- Evaluate different management strategies for maintaining, operating, and improving property assets.
- Apply sustainable practices and smart technologies in managing facilities.
- Develop management plans that align with organizational goals, user needs, and legal requirements.



Topics to be covered

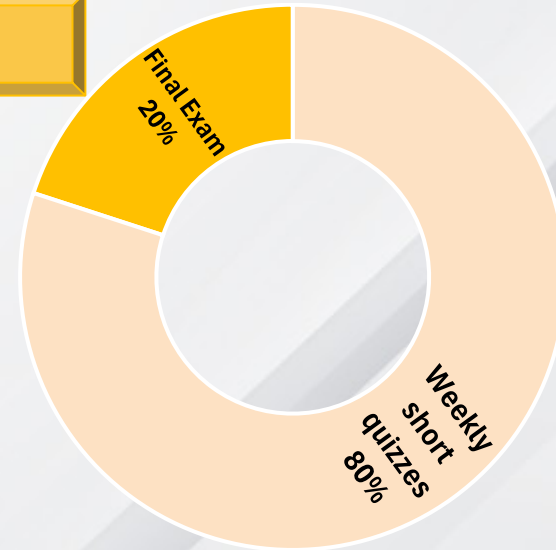
- Introduction to Property and Facilities Management
- Maintenance Strategies: Preventive, Corrective, and Predictive
- Space Planning and Utilization
- Health, Safety, and Environmental Compliance
- Energy Management and Sustainability in Facilities
- Financial Aspects: Budgeting, Cost Control, and Contracting
- Outsourcing and Vendor Management
- Risk Management and Emergency Planning
- Technology in Facilities Management (e.g., CAFM, IoT)
- Performance Measurement and Continuous Improvement

Learning Outcomes:

- Describe the key principles and scope of property and facilities management.
- Identify and assess the physical and operational needs of different types of facilities.
- Design and evaluate management strategies for space use, maintenance, and cost efficiency.
- Incorporate sustainability and environmental considerations in facility operations.
- Use tools and systems (like CAFM software) to support facility and property decisions.
- Managing urban real estate complexes according to the concepts of efficiency and integration.
- Critically analyze real-life case studies and propose effective solutions to management challenges.



Final Exam 20%



Weekly short quizzes 80%

Total questions

8

Credited Certificates for Property Management



Credited Certificates for Facility Management



IFMA Credentials



The image displays three IFMA credential logos arranged horizontally. Each logo is enclosed within a semi-circular arc. The first logo on the left is for the "Facility Management Professional" (fmp), with the letters "f", "m", and "p" in red, black, and yellow respectively. The middle logo is for the "Sustainability Facility Professional" (sfp), with "s" in green, "f" in black, and "p" in yellow. The third logo on the right is for the "Certified Facility Manager" (CFM), with "C" in red and "FM" in yellow. Below each logo is its corresponding title in a black sans-serif font.

Facility Management Professional

Sustainability Facility Professional®

Certified Facility Manager®

Open doors to new possibilities.



Thank You