MERCURY

Building Services Maintenance and Management Course

13 – 17 June 2027
Cairo (Egypt)



Dubai - UAE: +971 4 450 5697
Istanbul - Türkiye: +90 539 599 1206
Amman - Jordan: +962 79 712 3347

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Ref: 9090_265341 **Date:** 13 – 17 June 2027 **Location:** Cairo (Egypt) **Fees:** 4000 Euro

Introduction to Building Services Management:

Building Services are essential for the comfort, security, safety, communication, protection, movement, and control required within buildings, making them a cornerstone of a functional modern Built Environment.

The Building Services Management Course will dive into the strategic elements required for overseeing these vital systems. The correct management, operation, and maintenance of Building Services systems are crucial.

This building services maintenance and management course covers various aspects of the 14 categories of building services systems, how they impact property functionality and the maintenance requirements they possess.

Targeted Groups:

The building services maintenance and management training is designed for senior personnel responsible for managing the operation and maintenance of building systems.

This building services maintenance and management course includes estate directors, commercial managers, procurement managers, facilities management professionals, quality managers, health and safety managers, building managers, leasing managers, maintenance managers, asset managers, sustainability managers, and project managers.

Course Objectives:

Upon completion, participants of this Building Service Maintenance Course will be able to:

- Explain the significance of Building Services systems to property performance.
- Classify the 14 types of Building Services systems.
- Describe the utilization of SFG20 for controlled delivery of Building Services maintenance.
- Recognize the various skill sets required for different maintenance tasks and their frequencies.
- Identify key Building Services elements that require regular maintenance.

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Targeted Competencies:

At the end of this building services maintenance and management course, the participant's competencies will:

- Building management.
- Maintenance planning.
- Maintenance strategy.
- Building services system design.

Property Management and Maintenance:

This building services maintenance and management course will explore integrating property management and maintenance strategies. Effective building management and maintenance encompasses a range of practices designed to preserve the value, operational functionality, and safety of built assets.

This building services maintenance and management training incorporates facilities management, managing maintenance for buildings and facilities, and ensuring that property is cared for and that value is maximized through meticulous asset and maintenance management.

Course Content:

Unit 1: Fundamentals of Building Operation Maintenance and Management:

- The 21st-century built environment.
- Understanding Building Services and their importance.
- The three critical elements of Building Services systems.
- An overview of the 14 categories of Building Services systems.

Unit 2: Building Service Maintenance Course Overview:

- Defining Maintenance in Building Services.
- Common terminology in Building Services maintenance.
- Strategies for delivering maintainable buildings.

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Unit 3: Standards in Building Services Maintenance:

- Introduction to SFG20 - The benchmark for Building Services maintenance.
- Overview of Building Services systems and their maintenance requirements part 1.
- Sanitary installations.
- Services Equipment.
- Disposal installations.
- Water installations.
- Heat sources.

Unit 4: Building Maintenance Services for Systems:

- In-depth exploration of Building Services systems and their maintenance part 2.
- Space heating systems.
- Air conditioning units.
- Ventilation systems.
- Electrical installations.
- Fuel systems.

Unit 5: Continued Building Services Maintenance Management:

- Continued discussion on Building Services system maintenance part 3.
- Lift and conveyor installations.
- Fire and lightning protection systems.
- Communication systems.
- Security and control installations.
- Specialist installations and builders' work.