



*Training Course:  
The Building Maintenance and Operations*

*29 June - 3 July 2025  
Cairo (Egypt)  
Holiday Inn & Suites Cairo Maadi, an IHG Hotel*

## Training Course: The Building Maintenance and Operations

Training Course code: EN234908 From: 29 June - 3 July 2025 Venue: Cairo (Egypt) - Holiday Inn & Suites Cairo Maadi, an IHG Hotel Training Course Fees: 4200 € Euro

### Introduction:

This course provides information property and facility managers will need to manage building systems' ongoing operation and maintenance and maximize building efficiency and cost-effectiveness. You will learn about building design and construction, project delivery, construction materials, and HVAC heating, ventilating, and air conditioning systems. Other areas of interest covered in this course book include roofing systems, ceilings and floorings, interior walls, and plumbing systems.

### Objectives:

Upon successful completion of this course, learners will be able to:

- Implement maintenance best practices for building systems to achieve efficiencies and cost savings
- Support maintenance of building structural components in the design and construction of facilities by selecting and recommending the appropriate materials
- Describe best practices for the design, operation, and maintenance of HVAC and plumbing systems
- Demonstrate a working knowledge of the systems required for ensuring the preservation of a building's structural integrity
- Take control of your assets and improve overall operational efficiencies

### Objectives:

- Building design and construction
- Construction materials
- Structural systems
- Heating, ventilating, and air conditioning
- Plumbing systems
- The building envelope
- Building system controls
- Lifecycle costing

- Roofing
- Interior walls, ceilings, and flooring

## Course Outlines:

### Day 1:

- Building Design and Construction: Project Initiation
- Building Design and Construction: Project Delivery
- Fundamental Materials for Building Construction
- Structural Systems

### Day 2:

- The Building Envelope
- Roofing Systems for Building Protection
- Installing Interior Walls: Types, Materials, and Finishes

### Day 3:

- Defining Space with Ceilings and Flooring
- Heating, Ventilating, and Air-Conditioning for Human Comfort
- Air-Circulating Systems
- Cooling Systems for the Interior Building Environment

### Day 4:

- Efficient Heating Systems for Buildings
- HVAC Distribution Systems
- Maximizing Human Comfort with HVAC Control Systems

### Day 5:

- Ensuring Optimal HVAC Operation and Maintenance
- Plumbing Systems



- Case Study: Facilities Management

## Registration form on the Training Course: The Building Maintenance and Operations

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Complete & Mail or fax to Global Horizon Training Center (GHTC) at the address given below

### Delegate Information

Full Name (Mr / Ms / Dr / Eng): .....

Position: .....

Telephone / Mobile: .....

Personal E-Mail: .....

Official E-Mail: .....

### Company Information

Company Name: .....

Address: .....

City / Country: .....

### Person Responsible for Training and Development

Full Name (Mr / Ms / Dr / Eng): .....

Position: .....

Telephone / Mobile: .....

Personal E-Mail: .....

Official E-Mail: .....

### Payment Method

- Please find enclosed a cheque made payable to Global Horizon
- Please invoice me
- Please invoice my company

### Easy Ways To Register

Telephone:  
+201095004484 to  
provisionally reserve your  
place.

Fax your completed  
registration  
form to: +20233379764

E-mail to us :  
info@gh4t.com  
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Complete & return the  
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to: Global Horizon  
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