

FACILITY OPERATION & MAINTENANCE EXECUTIVE PROGRAM

“Strategic Asset Management for Reliable, Safe, and Cost-Effective Facility Operations”

Schedule

| Date | Venue | Fees |
|------------------|-------------|-----------------------|
| 26 - 30 Jul 2026 | Dammam, KSA | USD 3495 per delegate |

► **Available delivery methods:** Face-to-Face & Online Training, In-House Training

Introduction

Modern facilities require a structured approach to operations and maintenance (O&M) that balances performance, lifecycle cost, safety, and sustainability. This executive-level program empowers facility leaders with the strategic, technical, and managerial tools needed to oversee complex O&M functions across industrial, commercial, and institutional facilities.

Through a mix of real-world case studies, industry frameworks, and hands-on planning tools, participants will gain the knowledge to optimize asset performance, streamline maintenance workflows, ensure compliance, and lead high-performing facility teams.

Objectives

By the end of this course, participants will be able to:

- Develop integrated strategies for operations and maintenance planning
- Optimize maintenance schedules, staffing, and service contracts
- Apply asset lifecycle principles and condition-based monitoring techniques
- Ensure compliance with health, safety, and environmental standards
- Improve facility efficiency through digital tools and KPI-based performance tracking

Why Attend

- Learn how to lead a world-class O&M function with measurable results
- Balance preventive, predictive, and reactive maintenance approaches
- Maximize asset availability, reliability, and lifecycle value
- Minimize facility-related risks and energy costs
- Gain strategic insights for managing outsourced vs in-house O&M

Target Audience

This program is designed for:

- Facility managers and operations executives
- Maintenance and asset management professionals
- Engineers and supervisors responsible for building services
- Real estate, HSE, or project managers overseeing infrastructure
- Senior-level professionals involved in outsourced service delivery

Individual Benefits

Key competencies that will be developed include:

- Operations planning and resource optimization
- Preventive and predictive maintenance systems
- Asset condition analysis and lifecycle planning
- Energy and cost performance monitoring
- Contractor oversight and service level evaluation

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Higher uptime and reduced downtime in critical assets
- Lower total cost of ownership and maintenance backlogs
- Safer, more compliant, and environmentally sound operations
- Improved visibility into facility KPIs and decision-making tools
- Stronger alignment between facilities, finance, and operations

Instructional Methodology

The course follows a blended learning approach combining theory with practice:

- Strategy Briefings - O&M trends, ISO 41001/55000, service delivery models
- Case Studies - Facility failures, audits, energy benchmarking
- Workshops - Maintenance plan creation, CMMS design, asset prioritization
- Peer Exchange - Cross-sector facility strategy comparisons
- Tools - Audit checklists, risk matrices, KPI scorecards, contractor SLAs

Course Outline

Training Hours: 7:30 AM - 3:30 PM Daily Format: 3-4 Learning Modules | Coffee breaks: 09:30 & 11:15 | Lunch Buffet: 01:00 - 02:00

Day 1: Foundations of Facility Operations & Strategy

- Module 1: Role of Facility Management in Business Success (07:30 - 09:30) • Core functions, value creation, stakeholder needs
- Module 2: Strategic Planning for O&M (09:45 - 11:15) • Lifecycle models, facility maturity assessment
- Module 3: Facility Operations Organizational Models (11:30 - 01:00) • Centralized vs decentralized, internal vs outsourced
- Module 4: Workshop - Assess Your O&M Strategy (02:00 - 03:30) • Facility profile mapping and risk prioritization

Day 2: Maintenance Management Systems

- Module 5: Maintenance Philosophies and Best Practices (07:30 - 09:30) • PM, PdM, CM, RCM
- Module 6: Work Planning and Scheduling (09:45 - 11:15) • Job plans, task lists, Gantt/scheduling software
- Module 7: Spare Parts and Reliability Strategies (11:30 - 01:00) • Critical spares, MTBF/MTTR, condition monitoring
- Module 8: Workshop - Build a Maintenance Schedule (02:00 - 03:30) • Apply concepts to a facility or equipment group

Day 3: Asset Management and Lifecycle Planning

- Module 9: Introduction to ISO 55000 and Asset Lifecycle (07:30 - 09:30) • Asset classification, condition tracking, renewal plans
- Module 10: Capital Planning and Budgeting (09:45 - 11:15) • CAPEX, depreciation, ROI and IRR for assets
- Module 11: Asset Criticality and Risk Evaluation (11:30 - 01:00) • FMECA, prioritization, cost vs risk optimization
- Module 12: Workshop - Asset Condition Assessment (02:00 - 03:30) • Use scoring models to evaluate facility asset base

Day 4: Compliance, Safety & Performance Monitoring

- Module 13: Facility Risk Management and Safety Standards (07:30 - 09:30) • Fire, HVAC, electrical, IAQ, inspections
- Module 14: Environmental and Energy Compliance (09:45 - 11:15) • LEED, ISO 14001, energy audits
- Module 15: Facility Performance KPIs (11:30 - 01:00) • Downtime, work order closure, energy intensity
- Module 16: Workshop - Conduct a Facility Audit (02:00 - 03:30) • Develop a facility audit checklist and dashboard

Day 5: Service Contracts, CMMS & Digital Tools

- Module 17: Managing Vendors and SLAs (07:30 - 09:30) • Procurement, KPIs, penalties, outsourcing matrix
- Module 18: Introduction to CMMS and FM Digital Tools (09:45 - 11:15) • Features, selection criteria, implementation roadmap
- Module 19: Technology Trends in Facilities (11:30 - 01:00) • IoT, BIM, smart buildings, AI in FM
- Module 20: Final Workshop - Create a 12-Month O&M Plan (02:00 - 03:30) • Combine strategy, people, tools, and budget inputs

Certification

Participants will receive a Certificate of Completion in Facility Operation & Maintenance Executive Program, confirming their readiness to lead strategic operations, asset planning, and maintenance excellence in modern facilities.

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