

The Facility & Assets Management Centre “FAMC”

- FAMC is a professional training centre aimed support facility and asset management industry in order to advance the knowledge and practice in this field
- FAMC offers course, certifications and degrees for this sector with educational opportunities with latest technology and supporting management tools.
- Experts at FAMC and trainers are the best in their field, with extensive experience , both in training and in the supporting industry.
- FAMC offers also tailor made courses for institution and corporate who need specific training for further development of their work.

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Facilities & Assets Management College -UK

OUTLINE OF SOME OF THE PROGRAMMES AND COURSES Offered by “FAMC”

*Taking “PROGRAMME 1 + PROGRAMME 2”
Lead to*

“Certified Facility Management Professional”

PROGRAMME 1

Facility Management for Professionals in: Introduction to FM Principles

Duration: 3 months

Number of modules: 2

Delivery time: 12 Days over 3 months - 80 hours

OUTLINE:

- Introduction to Facility Management
- Core Principles of Facility Management
- Facilities Planning and Design
- Operations and Maintenance Management
- Environmental Health & Safety (EHS) in Facilities
- Sustainability in Facility Management
- Financial Management for Facilities
- Technology and Innovation in FM
- Leadership and Communication Skills for FM Professionals
- Case Studies and Practical Applications

PROGRAMME 2

Facility Management for Professionals in: Strategic and Sustainable FM

Duration: 3 months

Number of modules: 2

Delivery time: 12 Days over 3 months - 80 hours

OUTLINE:

- Introduction to Strategic Facility Management
- Sustainable Practices in Facility Management
- Energy Management and Conservation
- Waste Management and Recycling Initiatives
- Water Conservation and Management
- Sustainable Procurement and Supply Chain Management
- Technological Innovations in Sustainable FM
- Circular Economy and Cradle-to-Cradle Design
- Stakeholder Engagement and Corporate Social Responsibility (CSR)
- Strategic Planning and Implementation of Sustainable FM

***Taking “PROGRAMME 3 + PROGRAMME 4”
lead to***

“Certified Asset Management Professional”

PROGRAMME 3

Asset Management Principles and Best Practice

Duration: 3 months

Number of modules: 2

Delivery time: 12 Days over 3 months - 80 hours

OUTLINE:

- Introduction to Asset Management
- Asset Management System Organization
- Asset Identification, Classification and Tagging
- Asset Planning and Lifecycle Management
- Risk Management in Asset Management
- Asset Maintenance Management
- Asset Performance Measurement and Key Performance Indicators (KPIs)
- Sustainability and Environmental Management of Assets
- Financial Management for Asset Management
 - Budgeting and financial planning
 - Life cycle costing and total cost of ownership (TCO) analysis
 - Funding strategies for asset acquisition and maintenance
 - Procurement and contract management

PROGRAMME 4

Real Estate & Infrastructure Asset Management

- Asset Management Planning (Strategic Asset Management Plans, Asset Register, Asset Condition assessment,.....etc)o
- Asset Management System Optimization
- Analysing deals to maximize profits and returns
- The three main goals of asset management and their achievement path
- Launching a lucrative career as an asset management professional
- The eight biggest commercial real estate lease negotiation points
- Creating a dynamic annual budget in Excel, and the five needed key projections
- Creating informative, helpful quarterly and annual reports

***Taking “PROGRAMME 5 + PROGRAMME 6”
lead to***

“Certified Project Management Professional”

PROGRAMME 5

Project Management Principles: Theory and Practice

Duration: 12 Days over 3 months - 80 hours

OUTLINE:

- Introduction to Project Management
- Project Initiation and Planning Techniques
- Project Execution and Monitoring
- Project Communication and Stakeholder Management
- Project Quality Management, Closure and Lessons Learned

PROGRAMME 6

Agile Project Management: Theory and Implementation

Duration: 12 Days over 3 months - 80 hours

OUTLINE:

- Understanding Agile Principles, Frameworks and Methodologies in Project Management
- Agile Project Initiation and Planning
- Execution, Delivery, Monitoring and Control in agile PM
- Agile Collaboration and Communication
- Agile Project Closure and Continuous Improvement

PROGRAMME 7

Certified Digital Transformation Professional within Maintenance Management

Duration: 3 months

Number of modules: 3

Delivery time: 12 Days over 3 months - 80 hours

OUTLINE:

- Introduction to Digital Transformation in Maintenance Management
- Digital Maintenance Management Systems (CMMS/EAM)
- IoT and Sensor Technologies in Maintenance
- Predictive Maintenance and Data Analytics
- Augmented Reality (AR) and Virtual Reality (VR) in Maintenance
- Artificial Intelligence (AI) in Maintenance Optimization
- Robotics and Automation in Maintenance
- Cloud Computing and Mobility in Maintenance Management
- Change Management and Organizational Readiness for Digital Transformation
- Digital Transformation Roadmap and Implementation Planning

***Taking “PROGRAMME 8 + PROGRAMME 9”
lead to***

“Certified Geomatics and Decision Systems Professional”

PROGRAMME 8

Effective Operation and Maintenance using GIS

Duration: 3 months

Number of modules: 2

Delivery time: 12 Days over 3 months - 80 hours

OUTLINE:

- Geomatics and Decision Support System in facility and asset management
- Most suitable software, including actual setup practice (ArcGIS for example)
- Developing effective Operation and Maintenance (O&M) system using GIS.
- Establishing and updating GIS database,
- The process of developing GIS, effective O&M system and action plan.
(participants are expected collect GIS data and exercise system modification and data updating in practice stages during the trainings intervals in a selected project)
- Preparing action plans for O&M
- Usage of GIS in facilities and infrastructure projects
- Setup of GIS for municipal and utilities level
- identify common datasets in both the US and Internationally. We will use a new mode in ArcGIS to create complete maps that include proper symbology, legends, titles, north arrows, and data sources. We will further use more advanced mapping techniques to output map books and label items on the map.

PROGRAMME 9

Geomatics and Decision Support system (DSS) for facility and infrastructure projects

Duration: 3 months

Number of modules: 2

Delivery time: 12 Days over 3 months - 80 hours

OUTLINE:

- Cartography and Orth Mapping
- Mapping, and Spatial Analysis
- Data acquisition and quality
- Live GIS data feed for DSS
- Decision trees for facility and infrastructure projects
- Multi-Criteria Decision Analysis (MCDA)
- GIS Applications Across facility and infrastructure projects
- ANN in DSS
- AI and DSS under GIS