MAWA EVENTS

Address: No. 857, Block A2. Leisure Commerce Square - No 9., 46150 Petaling Jaya, Selangor, Malaysia

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ASSET MANAGEMENT & MAINTENANCE PLANNING

"Optimizing Asset Life Cycle and Enhancing Operational Efficiency"

Schedule

Date	Venue	Fees (Face-to-Face)
07 – 11 Sep 2026	Dubai, UAE	USD 3495 per delegate

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

Introduction

The Asset Management & Maintenance Planning course is designed to provide participants with the essential skills and knowledge required to develop and implement effective asset management strategies. Participants will learn how to plan and execute maintenance activities that enhance asset reliability, maximize operational efficiency, and reduce downtime. With a focus on lifecycle management, the course also emphasizes the importance of aligning asset management practices with organizational goals.

In industries where assets are critical to operations, effective management and maintenance planning are essential for minimizing risks and ensuring long-term value. This course prepares professionals to optimize asset performance and develop maintenance plans that contribute to the overall success of their organizations.

Objectives

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

- Understand the principles and strategies of asset management and maintenance planning.
- Develop and implement asset management systems and processes.
- Create effective maintenance strategies that ensure asset reliability and minimize downtime.
- Optimize asset lifecycle costs and improve operational efficiency.
- Analyze asset performance and make data-driven decisions for continuous improvement.

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Why Attend

- Gain expertise in asset management and maintenance planning.
- Learn how to develop and implement efficient maintenance strategies.
- Enhance your understanding of asset lifecycle management and cost optimization.
- Improve your organization\'s asset reliability and performance.
- Stay ahead in the competitive field of asset management with advanced strategies and tools.

Target Audience

This program is designed for:

- Asset managers and maintenance planners.
- Reliability engineers and technicians.
- Operations and production managers responsible for asset management.
- Professionals involved in the design, implementation, and maintenance of asset management systems.
- Anyone interested in improving the operational performance of industrial assets.

Individual Benefits

Key competencies that will be developed include:

- Proficiency in asset management principles and maintenance planning.
- Ability to implement effective asset lifecycle management strategies.
- Skills in analyzing and improving asset performance.
- Knowledge of risk assessment and reliability improvement techniques.
- Enhanced capability to optimize maintenance schedules and reduce asset downtime.

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- A strategic approach to asset management and maintenance planning.
- Enhanced ability to reduce maintenance costs and extend asset lifecycles.
- Increased asset reliability and availability for the organization.
- Improved decision-making based on asset performance data and analysis.
- Stronger alignment between asset management goals and organizational objectives.

Instructional Methodology

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

- Strategy Briefings – Introduction to asset management principles, maintenance planning, and best practices.
- Case Studies – Real-world examples of asset management and maintenance optimization in various industries.
- Workshops – Hands-on activities to develop asset management systems, maintenance schedules, and performance metrics.
- Peer Exchange – Group discussions on challenges and opportunities in asset management and maintenance planning.
- Tools – Templates and frameworks for creating asset management plans, maintenance schedules, and lifecycle cost analysis.

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Course Outline

Detailed 5-Day 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: Introduction to Asset Management & Maintenance Planning

- Module 1: Overview of Asset Management (07:30 – 09:30)
- What is asset management, and why is it essential for organizations?
- Key components and objectives of an asset management system.
- The role of asset management in operational efficiency and risk reduction.
- Module 2: Maintenance Planning Overview (09:30 – 11:30)
- The importance of maintenance planning in asset management.
- Types of maintenance strategies (preventive, predictive, corrective).
- Developing a maintenance strategy based on asset criticality and performance.

Day 2: Asset Life Cycle Management

- Module 3: Asset Life Cycle Stages (07:30 – 09:30)
- Understanding the full asset life cycle from acquisition to disposal.
- Strategies for managing assets through each stage of the life cycle.
- Balancing asset reliability with cost-effectiveness.
- Module 4: Risk-Based Asset Management (09:30 – 11:30)
- How to assess risks and prioritize maintenance activities.
- Tools for risk-based decision making in asset management.
- Case study of risk-based asset management implementation.

Day 3: Developing Maintenance Strategies

- Module 5: Preventive Maintenance Planning (07:30 – 09:30)
- Creating effective preventive maintenance schedules.
- Identifying critical components for preventive maintenance.
- Measuring the effectiveness of preventive maintenance programs.
- Module 6: Predictive Maintenance and Condition Monitoring (09:30 – 11:30)
- Understanding predictive maintenance techniques and technologies.
- Using condition monitoring to forecast asset failure and optimize maintenance schedules.
- Case studies on predictive maintenance success.

Day 4: Implementing Asset Management Systems

- Module 7: Developing Asset Management Systems (07:30 – 09:30)
- How to design and implement an asset management system.
- Integrating asset management with enterprise resource planning (ERP) systems.
- Developing asset management policies and procedures.
- Module 8: Performance Measurement and Key Performance Indicators (09:30 – 11:30)
- Identifying and tracking asset performance metrics.
- Using KPIs to evaluate maintenance program success.
- Continuous improvement through performance monitoring.

Day 5: Best Practices and Future Trends in Asset Management

- Module 9: Best Practices in Asset Management (07:30 – 09:30)
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Review of industry best practices in asset management and maintenance planning.

- Strategies for optimizing asset performance and minimizing downtime.
- Case studies of successful asset management programs.
- Module 10: Emerging Trends and Technologies (09:30 – 11:30)
- The future of asset management with digital technologies and AI.
- Exploring the role of IoT and big data in asset management.
- Wrap-up session and Q&A.

Certification

Participants will receive a Certificate of Completion in Asset Management & Maintenance Planning, validating their ability to optimize asset life cycles, enhance maintenance strategies, and drive organizational efficiency through effective asset management practices.

Why Choose MAWA Events

- **Global Expertise:** More than 17 years of experience in professional training and consulting.
- **Industry-Leading Faculty:** Courses delivered by seasoned professionals with hands-on experience.
- **Practical Insights:** Learn to turn theory into actionable strategies for real-world business impact.
- **Client-Focused Solutions:** Customized programs designed to achieve your organisation’s unique goals.

In-House / Customized Training Interested in running this course for your team? Please contact us:	TEL: **+601116373203**	EMAIL: **info@mawaevents.net**

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