MAWA EVENTS

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

Phone: +601116373203 | **Email:** info@mawaevents.net

MAINTENANACE PLANNING & SCHEDULING

"Maximizing operational efficiency through structured maintenance planning and scheduling"

Schedule

Date	Venue	Fees (Face-to-Face)
03 – 05 Mar 2026	Muscat, Oman	USD 2495 per delegate

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

Introduction

Efficient maintenance planning and scheduling are critical for minimizing equipment downtime, reducing operational costs, and enhancing productivity. A structured approach ensures that resources are utilized effectively and maintenance activities are completed on time without disrupting operations.

This intensive three-day program equips participants with practical knowledge and tools to design, implement, and optimize maintenance plans and schedules. Participants will learn to prioritize maintenance tasks, allocate resources efficiently, and integrate best practices to improve overall operational reliability.

Objectives

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

- Understand the fundamentals of maintenance planning and scheduling
- Develop effective maintenance strategies and plans
- Prioritize and schedule maintenance activities efficiently
- Optimize resource allocation for maintenance operations
- Monitor and evaluate maintenance performance
- Implement continuous improvement in maintenance practices
- Align maintenance plans with organizational objectives

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Why Attend

- Gain practical skills in maintenance planning and scheduling
- Improve equipment reliability and operational efficiency
- Reduce unplanned downtime and maintenance costs
- Learn techniques to optimize workforce and resource utilization
- Network with professionals managing maintenance in industrial operations

Target Audience

This program is designed for:

- Maintenance planners and schedulers
- Reliability engineers and maintenance engineers
- Plant and operations managers
- Production supervisors and team leads
- Professionals responsible for asset management and operational efficiency

Individual Benefits

Key competencies that will be developed include:

- Ability to create and optimize maintenance schedules
- Skills in prioritizing maintenance tasks based on criticality
- Knowledge of resource allocation and workload balancing
- Proficiency in tracking and measuring maintenance performance
- Enhanced decision-making for efficient maintenance operations

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Improved maintenance planning and execution
- Increased equipment reliability and uptime
- Optimized use of maintenance resources
- Reduced operational costs and downtime
- Better alignment of maintenance activities with organizational goals
- Enhanced overall operational efficiency and productivity

Instructional Methodology

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

- Strategy Briefings – Principles of maintenance planning, scheduling, and optimization
- Case Studies – Real-world examples of effective maintenance strategies
- Workshops – Hands-on exercises in developing maintenance plans and schedules
- Peer Exchange – Group discussions on challenges and best practices
- Tools – Templates and checklists for planning, scheduling, and monitoring maintenance activities

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Course Outline

Detailed 3-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 Maintenance Planning

Module 1: Fundamentals of Maintenance Planning (07:30 – 09:30)

- Importance of planning in maintenance management
- Key principles and objectives

Module 2: Maintenance Strategies (09:45 – 11:15)

- Preventive, predictive, and corrective maintenance
- Selecting the appropriate strategy for assets

Module 3: Work Prioritization and Task Management (11:30 – 01:00)

- Criticality analysis and task prioritization
- Resource allocation techniques

Module 4: Workshop – Planning Basics (02:00 – 03:30)

- Hands-on exercises in creating maintenance plans

Day 2: Scheduling Techniques and Resource Optimization

Module 1: Maintenance Scheduling Methods (07:30 – 09:30)

- Types of schedules: daily, weekly, monthly, and annual
- Scheduling best practices

Module 2: Resource Allocation (09:45 – 11:15)

- Workforce planning and equipment utilization
- Balancing workload and resources

Module 3: Monitoring and Adjustment (11:30 – 01:00)

- Tracking schedule adherence
- Adjusting schedules based on operational priorities

Module 4: Workshop – Scheduling Exercises (02:00 – 03:30)

- Hands-on exercises in creating effective maintenance schedules

Day 3: Performance Measurement and Continuous Improvement

Module 1: Maintenance KPIs and Metrics (07:30 – 09:30)

- Key indicators for evaluating maintenance effectiveness
- Measuring downtime, reliability, and efficiency

Module 2: Continuous Improvement Practices (09:45 – 11:15)

- Techniques for ongoing improvement in maintenance operations
- Lessons learned and benchmarking

Module 3: Integrating Planning with Organizational Goals (11:30 – 01:00)

- Aligning maintenance planning and scheduling with business objectives
- Best practices in integrated maintenance management

Module 4: Workshop & Course Wrap-Up (02:00 – 03:30)

- Capstone exercise in developing a comprehensive maintenance plan
- Peer review, discussion, and Q&A

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Certification

Participants will receive a Certificate of Completion in Maintenance Planning & Scheduling, validating their expertise in developing, implementing, and optimizing maintenance plans and schedules for improved operational efficiency.

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.

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