

THE COMPLETE COURSE ON MAINTENANCE PLANNING AND SCHEDULING

“Maximize Equipment Reliability and Minimize Downtime through Strategic Maintenance Planning and Scheduling.”

Schedule

Venue (In-house)	Fees
At Your Organization Premises	Ask For The Quotation

► **Available delivery methods:** In-House Training

Introduction

Effective maintenance planning and scheduling are critical for maximizing equipment reliability, operational efficiency, and cost control in industrial environments. Poor planning can lead to unnecessary downtime, high repair costs, and operational inefficiencies.

This course provides participants with comprehensive knowledge and practical skills to plan, schedule, and execute maintenance activities efficiently. Participants will learn how to develop structured maintenance plans, optimize schedules, allocate resources, and implement preventive and predictive maintenance strategies for sustainable performance.

Objectives

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

- Understand the fundamentals and principles of maintenance planning and scheduling.
- Develop preventive and predictive maintenance programs.
- Analyze and optimize maintenance workloads and schedules.
- Allocate resources, tools, and personnel effectively.
- Integrate maintenance planning with operational and production requirements.
- Apply key performance indicators (KPIs) to monitor maintenance efficiency.
- Reduce equipment downtime and improve reliability.
- Implement best practices in maintenance planning for industrial operations.

Why Attend

Maintenance activities directly impact equipment uptime, operational efficiency, and production costs. This course equips participants with practical tools, techniques, and methodologies to plan and schedule maintenance effectively, ensuring reliable operations, reduced costs, and enhanced equipment performance.

Target Audience

This course is suitable for:

- Maintenance Planners and Schedulers
- Maintenance and Reliability Engineers
- Production and Operations Supervisors
- Plant and Facility Managers
- Technical and Maintenance Managers
- Industrial Engineers and Consultants

Individual Benefits

- Gain practical skills in maintenance planning and scheduling.
- Learn to optimize maintenance tasks and resources efficiently.
- Improve problem-solving, decision-making, and analytical abilities.
- Increase confidence in managing industrial maintenance operations.
- Enhance professional competence and career advancement opportunities.

Organizational Benefits

- Reduce equipment downtime and unplanned breakdowns.
- Optimize workforce, tools, and spare parts usage.
- Improve operational efficiency and production continuity.
- Ensure effective implementation of preventive and predictive maintenance.
- Build in-house capability for structured and efficient maintenance management.

Instructional Methodology

The training employs a practical, hands-on approach:

- Instructor-led sessions on maintenance planning principles and scheduling techniques
- Case studies on successful maintenance management practices
- Hands-on exercises in work order planning, scheduling, and resource allocation
- Group exercises and role-play on preventive and predictive maintenance strategies
- Application of KPIs and performance metrics to real-world scenarios
- Continuous feedback, discussions, and Q&A sessions

Course Outline

- Module 1: Introduction to Maintenance Planning and Scheduling
- Module 2: Maintenance Strategy and Work Management
- Module 3: Developing Preventive Maintenance Programs
- Module 4: Predictive Maintenance Integration
- Module 5: Workload Analysis and Task Prioritization
- Module 6: Resource Allocation – Tools, Materials, and Workforce
- Module 7: Maintenance Scheduling Techniques and Best Practices
- Module 8: Monitoring and Measuring Maintenance Performance
- Module 9: Case Studies – Effective Planning and Scheduling in Industrial Operations
- Module 10: Practical Exercises – Building a Complete Maintenance Plan and Schedule

Certification

Upon successful completion, participants will receive a Certificate in Maintenance Planning and Scheduling, acknowledging their expertise in planning, scheduling, and managing maintenance activities for optimized equipment reliability and operational performance.

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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