

ADVANCED MAINTENANCE MANAGEMENT

“Transform Maintenance from a Cost Center into a Strategic Driver of Operational Excellence.”

Schedule

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

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

Introduction

As organizations strive for improved efficiency, reliability, and competitiveness, maintenance management has evolved from routine repairs to a strategic business function that directly impacts profitability and performance.

This Advanced Maintenance Management course equips participants with the tools, frameworks, and leadership skills required to optimize maintenance operations, improve asset reliability, and align maintenance strategies with overall business objectives.

Through real-world case studies, performance metrics, and best practices, participants will learn to transition from reactive maintenance approaches to proactive, predictive, and reliability-centered methodologies that drive sustainable improvement and cost reduction.

Objectives

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

- Develop and implement advanced maintenance strategies for optimal asset performance.
- Integrate Reliability-Centered Maintenance (RCM) and Total Productive Maintenance (TPM) principles.
- Apply maintenance performance measurement and benchmarking techniques.
- Enhance planning, scheduling, and resource optimization processes.
- Utilize predictive maintenance technologies and condition monitoring tools.
- Strengthen maintenance budgeting and cost control systems.
- Build a maintenance culture focused on continuous improvement and reliability.
- Align maintenance goals with corporate objectives for long-term value creation.

Why Attend

Maintenance excellence is no longer optional—it's a strategic necessity. Organizations that master advanced maintenance management can significantly reduce downtime, improve asset utilization, and extend equipment lifespan.

This course goes beyond traditional maintenance training to provide participants with cutting-edge tools and strategic insights used by world-class maintenance organizations. It bridges the gap between maintenance engineering and business strategy, helping participants position maintenance as a key contributor to organizational success.

Target Audience

This program is designed for experienced maintenance and operations professionals, including:

- Maintenance Managers and Engineers
- Reliability and Asset Management Professionals
- Operations and Production Managers
- Plant Engineers and Supervisors
- Maintenance Planners and Schedulers
- Technical and Engineering Executives
- Facility and Equipment Managers

Individual Benefits

- Gain mastery of advanced maintenance concepts and tools.
- Improve your ability to analyze and optimize maintenance performance.
- Enhance leadership and strategic decision-making skills.
- Learn to apply predictive and condition-based maintenance techniques.
- Increase your credibility and career potential in maintenance management.
- Develop confidence in implementing improvement projects that deliver measurable results.

Organizational Benefits

- Improve asset reliability and reduce maintenance costs.
- Achieve higher equipment availability and productivity.
- Strengthen alignment between maintenance and corporate goals.
- Enhance safety, quality, and environmental compliance.
- Build a culture of proactive maintenance and continuous improvement.
- Leverage data and analytics for smarter maintenance decisions.

Instructional Methodology

The training employs a results-oriented and interactive approach through:

- Expert-led presentations and group discussions
- Case studies from top-performing maintenance organizations
- Practical exercises on maintenance planning and analysis
- Workshops on KPI measurement and reliability improvement
- Scenario-based problem-solving and project simulations
- Continuous feedback and Q&A sessions

Course Outline

- Module 1: The Strategic Role of Maintenance in Business Success
- Module 2: Maintenance Strategies – Reactive, Preventive, Predictive, and Proactive
- Module 3: Reliability-Centered Maintenance (RCM) and TPM Principles
- Module 4: Maintenance Planning, Scheduling, and Resource Optimization
- Module 5: Asset Performance Measurement and Benchmarking
- Module 6: Maintenance Cost Control and Budgeting
- Module 7: Condition Monitoring and Predictive Technologies
- Module 8: Data-Driven Maintenance and Performance Analytics
- Module 9: Leadership, Culture, and Change Management in Maintenance
- Module 10: Capstone Workshop – Building a World-Class Maintenance Strategy

Certification

Upon successful completion, participants will receive a Certificate of Achievement in Advanced Maintenance Management, recognizing their expertise in applying modern maintenance strategies, improving reliability, and achieving operational excellence across industrial and service environments.

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?

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