MAWA EVENTS

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

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

PLANNING & SCHEDULING FOR DAY-TO-DAY MAINTENANCE & TURNAROUNDS

"Optimize Plant Performance through Strategic Maintenance Planning and Effective Turnaround Scheduling"

Schedule

Date	Venue	Fees (Face-to-Face)
22 – 24 Jul 2026	Dubai - UAE	USD 2495 per delegate

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

Introduction

Efficient maintenance and turnaround planning is a critical component in maximizing plant uptime, safety, and asset longevity. This intensive 3-day course is designed to equip professionals with the essential knowledge and tools to plan, schedule, and execute day-to-day maintenance activities and major turnarounds effectively.

Participants will gain practical skills to align maintenance strategies with operational goals, minimize downtime, and reduce costs. The course focuses on maintenance best practices, planning workflows, and scheduling techniques essential for high-reliability operations in asset-intensive industries.

Objectives

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

- Develop comprehensive maintenance plans and turnaround schedules
- Optimize resources through effective job scoping, planning, and execution
- Integrate risk management into maintenance and shutdown planning
- Utilize tools for work order prioritization and scheduling
- Monitor progress and apply KPIs to drive continuous improvement

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Why Attend

- Gain hands-on experience in planning and scheduling methodologies
- Learn how to effectively manage scope, cost, and time in shutdowns
- Reduce unplanned downtime and extend asset life
- Improve cross-functional coordination between operations, maintenance, and contractors
- Enhance performance using real-world maintenance planning tools

Target Audience

This program is designed for:

- Maintenance planners and supervisors
- Shutdown/Turnaround coordinators
- Plant engineers and reliability professionals
- Operations and production personnel involved in asset management
- CMMS and EAM system users

Individual Benefits

Key competencies that will be developed include:

- Proficiency in maintenance planning and turnaround scheduling
- Improved ability to develop and execute preventive maintenance programs
- Enhanced analytical skills for work order prioritization and backlog management
- Greater confidence in leading or supporting shutdown events
- Increased collaboration and communication across departments

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Improved reliability and asset availability
- Reduced maintenance costs through better planning
- Enhanced efficiency of turnaround and routine maintenance activities
- Greater safety and compliance during critical plant interventions
- Strengthened maintenance strategy aligned with business goals

Instructional Methodology

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

- Strategy Briefings – Maintenance and turnaround management frameworks and global best practices
- Case Studies – Real-world examples of successful planning and execution in complex industrial environments
- Workshops – Exercises in planning, scheduling, and resource allocation using CMMS tools
- Peer Exchange – Group discussions on challenges in day-to-day maintenance and turnarounds
- Tools – Templates for job plans, Gantt charts, work order planning, and performance tracking

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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: Foundations of Maintenance Planning

- Module 1: Introduction to Maintenance Management (07:30 – 09:30)
- Role of planning and scheduling in maintenance excellence
- Key terminology and concepts in reliability-centered maintenance
- Maintenance types: preventive, predictive, and corrective
- Module 2: Maintenance Planning Process (09:45 – 11:15)
- Scope identification and job planning fundamentals
- Estimating labor, tools, and materials
- Building effective job packages
- Module 3: Work Order Management (11:30 – 01:00)
- CMMS/EAM integration in planning
- Work order lifecycle and prioritization
- Backlog management best practices

Day 2: Turnaround Planning and Scheduling

- Module 4: Turnaround Planning Essentials (07:30 – 09:30)
- Planning phases: scope definition, resource loading, logistics
- Risk assessment and safety planning
- Contractor selection and mobilization
- Module 5: Scheduling Techniques (09:45 – 11:15)
- Critical Path Method (CPM) and Gantt charts
- Resource leveling and constraint analysis
- Integrating maintenance and operations schedules
- Module 6: Execution and Control (11:30 – 01:00)
- Execution readiness and progress tracking
- Daily status reviews and adjustments
- Managing changes and emergencies

Day 3: Optimization and Performance Monitoring

- Module 7: Post-Turnaround Analysis (07:30 – 09:30)
- Lessons learned and performance review
- Post-mortem reports and benchmarking
- Continuous improvement cycle
- Module 8: Maintenance KPIs and Reporting (09:45 – 11:15)
- Key performance indicators in maintenance
- MTBF, MTTR, schedule compliance, and backlog ratio
- Dashboards and reporting tools
- Module 9: Final Workshop and Action Planning (11:30 – 01:00)
- Hands-on planning scenario with peer feedback
- Developing action plans for participants\' facilities
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Course summary and Q&A

Certification

Participants will receive a Certificate of Completion in Maintenance & Turnaround Planning and Scheduling, recognizing their capability to develop, implement, and optimize maintenance strategies and turnaround events effectively.

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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