



Consulting and Training | Reach New Heights

Course Name

Maintenance work methods

Sector Name

Maintenance & Reliability Management

Document Type

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Course Introduction

This comprehensive **3-day** training program has been meticulously crafted to equip participants with the essential skills and knowledge needed to excel in the field of maintenance. Whether you are a seasoned maintenance professional looking to enhance your expertise or a newcomer eager to grasp the fundamentals, this program is designed to cater to a diverse audience.

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Target Audience

- ✓ Maintenance Technicians & Operators (mechanical, electrical, and facility technicians)
- ✓ Engineers (maintenance, reliability, mechanical, and electrical engineers)
- ✓ Supervisors & Team Leaders (maintenance foremen, workshop supervisors)
- ✓ Facility & Asset Managers (plant managers, asset management professionals)
- ✓ Procurement & Supply Chain Staff (spare parts and maintenance materials procurement)
- ✓ Health & Safety Officers (ensuring safe maintenance practices)

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Learning Objectives

- ✓ Acquire a solid understanding of maintenance management principles and terminology.
- ✓ Appreciate the critical role that preventive and corrective maintenance play in overall operational efficiency.
- ✓ Learn to develop and implement effective preventive maintenance schedules.
- ✓ Explore various types of preventive maintenance and understand their applications.
- ✓ Gain insights into predictive maintenance technologies and their real-world applications.
- ✓ Distinguish between reactive and proactive maintenance approaches.
- ✓ Acquire skills in root cause analysis and failure modes and effects analysis (FMEA).
- ✓ Develop proficiency in planning and executing corrective maintenance tasks.
- ✓ Familiarize with modern maintenance management systems (CMMS).
- ✓ Explore asset tracking, condition monitoring, and augmented reality tools for maintenance.
- ✓ Gain hands-on experience with common maintenance tools.
- ✓ Understand the importance of safety procedures and compliance with regulations.

- ✓ Learn to identify hazards, assess risks, and implement effective safety measures.
- ✓ Develop an awareness of personal protective equipment (PPE) and emergency response protocols.

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Course Outline

✓ **01 DAY ONE**

Introduction to Maintenance Management

- ✓ Overview of Maintenance Management
- ✓ Importance of Preventive and Corrective Maintenance
- ✓ Key Performance Indicators (KPIs) in Maintenance
- ✓ Maintenance Terminology and Definitions

Preventive Maintenance

- ✓ Types of Preventive Maintenance (Time-based, Condition-based, Predictive)
- ✓ Developing Preventive Maintenance Schedules
- ✓ Equipment Inspection and Lubrication
- ✓ Predictive Maintenance Technologies (Vibration analysis, infrared thermography, etc.)
- ✓ Case Studies on Successful Preventive Maintenance Programs

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Course Outline

✓ 02 DAY TWO

Corrective Maintenance

- ✓ Reactive Maintenance vs. Proactive Maintenance
- ✓ Root Cause Analysis Techniques
- ✓ Failure Modes and Effects Analysis (FMEA)
- ✓ Work Order Planning and Execution
- ✓ Emergency Response Protocols

Maintenance Tools and Technologies

- ✓ Computerized Maintenance Management Systems (CMMS)
- ✓ Asset Tracking and Management
- ✓ Use of Drones in Inspection
- ✓ Condition Monitoring Tools
- ✓ Augmented Reality (AR) in Maintenance

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Course Outline

✓ 03 DAY THREE

Safety in Maintenance Work

- ✓ Safety Procedures in Maintenance Work
- ✓ Personal Protective Equipment (PPE)
- ✓ Hazard Identification and Risk Assessment
- ✓ Emergency Response and Evacuation Plans
- ✓ Practical Application.

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Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
April 26, 2027	April 28, 2027	3 days	3250.00 \$	UAE , Dubai
Aug. 31, 2026	Sept. 2, 2026	3 days	3250.00 \$	UAE , Abu Dhabi
March 14, 2027	March 16, 2027	3 days	3250.00 \$	KSA , Dammam
Dec. 28, 2026	Dec. 30, 2026	3 days	3950.00 \$	Thailand , Bangkok

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