

**Course Overview:**

This beginner-level course is designed to introduce professionals in the maintenance and engineering sectors to the critical practices of preventive maintenance. Through structured instruction, it helps reduce equipment downtime, improve operational efficiency, and ensure workplace safety. Ideal for those seeking to shift from reactive to proactive maintenance, this course offers foundational knowledge essential for modern industrial environments.

**Course Objective:**

- Understand the principles and benefits of preventive maintenance.
- Apply techniques for effective maintenance planning and scheduling.
- Utilize condition monitoring and inspection to anticipate equipment issues.
- Leverage maintenance management systems for efficient operations.
- Promote safety and continuous improvement in maintenance activities.

**Course Outline:**

1. Fundamentals of Preventive Maintenance
  - Principles of preventive maintenance
  - Benefits and objectives
  - Contrast with reactive maintenance
2. Maintenance Planning and Scheduling
  - Developing maintenance plans
  - Effective scheduling techniques
  - Resource allocation
3. Condition Monitoring and Inspection
  - Condition monitoring techniques
  - Routine inspection procedures
  - Predictive maintenance tools
4. Maintenance Management Systems
  - Introduction to maintenance management software
  - Data management and analysis
  - Integrating systems for efficiency
5. Safety in Maintenance Work
  - Safety protocols and procedures
  - Risk assessment
  - Use of personal protective equipment (PPE)
6. Troubleshooting and Problem-Solving
  - Identifying common issues
  - Troubleshooting techniques
  - Corrective maintenance
7. Documentation and Reporting
  - Maintaining maintenance records
  - Reporting and performance tracking
  - Continuous improvement in maintenance
8. Emerging Trends in Maintenance
  - Advancements in maintenance technologies

**Training Language:**

English/Arabic

**Training Methodology:**

The course combines various teaching methods, including instructor-led presentations, group discussions, case study analyses, and assessments through quizzes and a final exam to engage participants and ensure they understand and retain the material.

**Venue | Date | Fees**

Khobar | 27-09-2026 | 14,375 SAR

- Sustainable maintenance practices
- Future of preventive maintenance

**Who Should Attend:**

- Maintenance Technicians
- Facility Managers
- Engineers involved in maintenance planning
- Technical Staff responsible for equipment upkeep