

# Modern Maintenance Technologies

## Venue Information

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**Venue:** London UK

**Place:**

**Start Date:** 2025-12-15

**End Date:** 2025-12-19

## Course Details

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**Net Fee:** £4750.00

**Duration:** 1 week

**Category ID:** METC

**Course Code:** METC-19

## Syllabus

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### **courses Syllabus**

#### **Introduction**

Discover the potential of Modern Maintenance Technologies to enhance system performance and maximize ROI. Skilllinx presents the Modern Maintenance Technologies courses, offering insights into cutting-edge methods for minimizing costs, reducing downtime, and ensuring safety and quality.

#### **Objectives**

Learn to:

- Apply Modern Maintenance Technologies effectively
- Understand the synergy between different maintenance technologies
- Implement these technologies for optimal maintenance efficiency
- Develop action plans integrating these technologies into maintenance strategies

- Introduction and program overview
- Understanding Asset Management
- Cost/benefit analysis in maintenance
- Introduction to risk and its impact
- Video presentation on maintenance and risk followed by interactive discussion

## **Day 2 – Risk Based Maintenance (RBM)**

- Understanding asset deterioration
- Representation of risk in maintenance
- Applying risk to failures
- Seven steps of Risk Based Maintenance (RBM)
- Failure Mode Effect & Criticality Analysis (FMECA)
- Interactive exercise

## **Day 3 – Root Cause Analysis (RCA)**

- Exploring multiple perspectives in problem-solving
- Effective problem-solving techniques
- Identifying root causes of problems
- RCA methodologies and practical application
- Case study analysis

## **Day 4 – Process Audits, Maintenance Assessments & Benchmarking**

- Introduction to process audits, assessments, and benchmarking
- Theory and practical exercises on process auditing
- Conducting maintenance assessments
- Interpretation of benchmarking results
- Interactive exercises and examples

## **Day 5 – Performance Management & Decision support tools**

- Defining performance indicators and process parameters
- Behavioral aspects of performance management
- Influencing behavior for better results
- Utilizing decision support tools for maintenance optimization
- Case study analysis
- Wrap up and conclusion

## **Closing Remarks**

efficiency and reliability in your organization.