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Course Name

Digital Maintenance & Smart Work Management

Sector Name

Maintenance & Reliability Management

Document Type

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Digital Maintenance & Smart Work Management

Course Introduction

Maintenance organizations are increasingly moving away from fragmented records, manual coordination, and isolated equipment information toward connected digital work environments. Yet introducing CMMS, EAM platform, mobile application, sensor data, or automated workflow does not automatically improve maintenance performance. When poor processes are simply transferred into digital systems, organizations may gain more data and screens without achieving faster work execution, stronger equipment history, or better maintenance decisions.

Boost Consulting & Training offers this course to develop a practical understanding of how digital tools can strengthen the complete maintenance work cycle. The program explores digital work requests, CMMS and EAM workflows, mobile maintenance, asset information, connected condition data, automation, digital field execution, and emerging AI applications.

Participants focus on where technology can remove delays, improve information flow, strengthen field execution, and create a more connected maintenance operation rather than learning one specific software platform.

The main concept of this course is to connect maintenance people, asset information, and work processes digitally so that technology improves how maintenance is requested, executed, recorded, and continuously optimized.

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Target Audience

- ✓ Maintenance and reliability managers
- ✓ Maintenance engineers, planners, and supervisors
- ✓ Asset management and technical operations professionals
- ✓ CMMS, EAM, and digital maintenance professionals

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Learning Objectives

- ✓ Explain how digital technologies are changing maintenance work management.
- ✓ Evaluate maintenance processes before transferring them into digital workflows.
- ✓ Structure asset and maintenance information for effective CMMS and EAM use.
- ✓ Improve work request, planning, scheduling, execution, and closeout through connected workflows.
- ✓ Apply mobile technologies to strengthen field maintenance execution.
- ✓ Connect condition and equipment information with maintenance actions.
- ✓ Identify practical opportunities for automation and AI within maintenance processes.
- ✓ Develop priorities for improving digital maintenance capabilities.

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Course Outline

✓ DAY 01

Rethinking Maintenance for a Digital Environment

Identifying Digital Maintenance Opportunities

- ✓ Map information gaps, manual handoffs, delays, and duplicated activities across maintenance work.
- ✓ Distinguish genuine digital improvement from simply replacing paper with electronic forms.
- ✓ Identify maintenance decisions and activities that benefit most from connected information.

Designing Smarter Workflows

- ✓ Map the flow from work identification through approval, planning, execution, and closeout.
- ✓ Identify unnecessary steps and information bottlenecks before digitalization.
- ✓ Redesign a Maintenance Work Process for a connected digital environment.

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Course Outline

✓ DAY 02

Getting More Value from CMMS and EAM

Structuring Maintenance Information

- ✓ Organize asset hierarchies, equipment records, job plans, failure information, and maintenance history.
- ✓ Define the data required to support planning, execution, and equipment decisions.
- ✓ Recognize how inconsistent coding and incomplete records reduce system value.

Connecting the Work Management Cycle

- ✓ Link notifications, work orders, priorities, planning, scheduling, materials, and completion records.
- ✓ Improve visibility of work status and responsibility across maintenance teams.
- ✓ Complete a CMMS/EAM Workflow Challenge from equipment issue to completed work order.

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Course Outline

✓ DAY 03

Enabling the Connected Maintenance Workforce

Mobilizing Field Maintenance

- ✓ Use mobile work orders to provide technicians with instructions and asset information at the point of work.
- ✓ Capture findings, measurements, photographs, labor, materials, and completion information in the field.
- ✓ Reduce delays created by disconnected field and office processes.

Improving Digital Field Execution

- ✓ Provide technicians with equipment history, drawings, procedures, and technical information when needed.
- ✓ Use digital checklists and standardized feedback to improve work quality and traceability.
- ✓ Design a Mobile Maintenance Work Experience for a realistic field intervention.

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Course Outline

✓ DAY 04

Connecting Assets with Maintenance Decisions

Integrating Equipment Condition Information

- ✓ Connect alarms, inspections, sensor information, and condition findings with maintenance workflows.
- ✓ Convert significant equipment signals into appropriate maintenance notifications and actions.
- ✓ Prevent disconnected monitoring data from becoming information without operational response.

Applying Automation and AI

- ✓ Identify repetitive maintenance activities suitable for workflow automation.
- ✓ Explore AI applications for work-order classification, information retrieval, maintenance history analysis, and decision support.
- ✓ Evaluate digital use cases according to value, data requirements, risk, and practical feasibility.

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Course Outline

✓ DAY 05

Advancing Digital Maintenance Capability

Building Trusted Digital Maintenance Data

- ✓ Improve completeness, consistency, ownership, and usability of maintenance information.
- ✓ Identify data weaknesses that limit analytics, automation, and AI applications.
- ✓ Establish practical responsibilities for maintaining reliable digital records.

Prioritizing the Digital Maintenance Journey

- ✓ Assess current capabilities across systems, workflows, field connectivity, data, and automation.
- ✓ Prioritize improvements according to maintenance value and implementation readiness.
- ✓ Produce a Digital Maintenance Transformation Roadmap linking technology opportunities with practical maintenance performance improvements.

Digital Maintenance & Smart Work Management

Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
Dec. 6, 2026	Dec. 10, 2026	5 days	4250.00 \$	Bahrain , Manama
Jan. 24, 2027	Jan. 28, 2027	5 days	4250.00 \$	Oman , Salalah
May 31, 2027	June 4, 2027	5 days	4250.00 \$	UAE , Dubai
July 26, 2027	July 30, 2027	5 days	5950.00 \$	USA , Texas

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