

Enterprise Asset Management (EAM)

COURSE CONTENT

GET IN TOUCH



Multisoft Systems
B - 125, Sector - 2, Noida



(+91) 9810-306-956



info@multosoftsystems.com



www.multosoftsystems.com

About Multisoft

Train yourself with the best and develop valuable in-demand skills with Multisoft Systems. A leading certification training provider, Multisoft collaborates with top technologies to bring world-class one-on-one and certification trainings. With the goal to empower professionals and business across the globe, we offer more than 1500 training courses, which are delivered by Multisoft's global subject matter experts. We offer tailored corporate training; project Based Training, comprehensive learning solution with lifetime e-learning access, after training support and globally recognized training certificates.

About Course

Enterprise Asset Management (EAM) Training helps professionals understand the processes involved in managing physical assets from acquisition to retirement. The course covers maintenance planning, asset information management, work execution, reliability improvement, inventory management, compliance, reporting, and enterprise integration. Through practical learning and industry-based examples, participants develop the skills required to improve asset performance and support efficient maintenance operations.

Module 1: Introduction to Enterprise Asset Management

- ✓ Fundamentals of Enterprise Asset Management
- ✓ Understanding the Asset Lifecycle
- ✓ Objectives and Business Benefits of EAM
- ✓ Types of Physical Assets
- ✓ Key Components of an EAM Framework
- ✓ Industry Standards and Best Practices

Module 2: Asset Information Management

- ✓ Asset Registration and Identification
- ✓ Asset Hierarchies and Structures
- ✓ Equipment and Functional Locations
- ✓ Asset Classification and Categorization
- ✓ Managing Asset Documentation
- ✓ Asset Relationships and Dependencies

Module 3: Maintenance Strategy and Planning

- ✓ Maintenance Management Concepts
- ✓ Preventive Maintenance Planning
- ✓ Predictive and Condition-Based Maintenance
- ✓ Maintenance Scheduling Techniques
- ✓ Resource and Capacity Planning
- ✓ Maintenance Calendars and Planning Cycles

Module 4: Work Order Management

- ✓ Maintenance Request Process
- ✓ Work Order Creation and Prioritization
- ✓ Planning and Assignment of Maintenance Tasks
- ✓ Resource and Labor Allocation
- ✓ Work Order Execution and Completion
- ✓ Maintenance History and Documentation

Module 5: Inventory and Materials Management

- ✓ Spare Parts Planning
- ✓ Inventory Control Techniques
- ✓ Warehouse and Stock Management
- ✓ Material Reservation and Issuance
- ✓ Procurement and Vendor Coordination
- ✓ Inventory Performance Optimization

Module 6: Reliability, Inspection, and Compliance

- ✓ Reliability-Centered Maintenance (RCM)
- ✓ Asset Health Assessment
- ✓ Root Cause Failure Analysis (RCFA)
- ✓ Inspection Planning and Execution
- ✓ Regulatory and Safety Compliance
- ✓ Risk Assessment and Mitigation

Module 7: Asset Performance Monitoring and Analytics

- ✓ Key Performance Indicators (KPIs)
- ✓ Mean Time Between Failures (MTBF)
- ✓ Mean Time to Repair (MTTR)
- ✓ Asset Utilization Analysis
- ✓ Maintenance Cost Evaluation
- ✓ Performance Dashboards and Reporting

Module 8: Enterprise Integration and Digital Asset Management

- ✓ Integration with ERP Systems
- ✓ Procurement and Financial Integration
- ✓ Mobile Asset Management Solutions
- ✓ IoT-Based Asset Monitoring
- ✓ Predictive Analytics for Maintenance
- ✓ Digital Transformation in Asset Management

Module 9: Enterprise Asset Management Implementation

- ✓ EAM Implementation Lifecycle
- ✓ Asset Data Migration and Validation
- ✓ User Adoption and Change Management
- ✓ Governance and Data Quality
- ✓ Implementation Challenges and Solutions
- ✓ Industry Best Practices

Module 10: Industry Applications and Case Studies

- ✓ EAM in Manufacturing
- ✓ Utilities and Energy Asset Management
- ✓ Transportation and Infrastructure Assets
- ✓ Healthcare and Facility Asset Management
- ✓ Continuous Improvement Strategies
- ✓ End-to-End Enterprise Asset Management Case Study