

ARAS PLM Functional

COURSE CONTENT

GET IN TOUCH



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About Multisoft

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About Course

ARAS PLM Functional Training equips professionals with the knowledge required to manage enterprise product lifecycle processes using ARAS Innovator. The course covers product data management, document control, BOM administration, workflow execution, engineering change management, lifecycle administration, reporting, and business process optimization. Through practical implementation and industry-based scenarios, participants gain the skills needed to support efficient and collaborative product development environments.

Module 1: Introduction to PLM and ARAS Innovator

- ✓ Product Lifecycle Management Fundamentals
- ✓ ARAS Innovator Architecture Overview
- ✓ Business Benefits of PLM
- ✓ User Interface and Navigation
- ✓ Core Functional Modules
- ✓ Product Lifecycle Overview

Module 2: Product Data Management (PDM)

- ✓ Parts Management
- ✓ Product Classification
- ✓ Item Properties
- ✓ Revision Control
- ✓ Product Relationships
- ✓ Product Search
- ✓ Data Management Best Practices

Module 3: Document Management

- ✓ Engineering Documents
- ✓ CAD Document Association
- ✓ Document Version Control
- ✓ Document Lifecycle
- ✓ Document Approval
- ✓ Controlled Documentation

Module 4: Product Structures and BOM Management

- ✓ Engineering BOM (EBOM)
- ✓ Multi-Level BOM
- ✓ BOM Configuration
- ✓ BOM Comparison
- ✓ Product Structure Navigation
- ✓ BOM Revision Management
- ✓ BOM Impact Analysis

Module 5: Lifecycle and Configuration Management

- ✓ Lifecycle Maps
- ✓ State Transitions
- ✓ Product Releases
- ✓ Baselines
- ✓ Configuration Control
- ✓ Product Version Management

Module 6: Engineering Change Management

- ✓ Change Requests (CR)
- ✓ Change Orders (CO)
- ✓ Change Notices (CN)
- ✓ Impact Assessment
- ✓ Approval Workflow
- ✓ Change Implementation

- ✓ Engineering Traceability
- ✓ Best Practices

Module 7: Workflow Management

- ✓ Workflow Fundamentals
- ✓ Business Process Automation
- ✓ Workflow Templates
- ✓ Task Assignments
- ✓ Review and Approval Processes
- ✓ Notifications
- ✓ Escalation Management

Module 8: Requirements Management

- ✓ Requirements Capture
- ✓ Requirement Hierarchies
- ✓ Product Traceability
- ✓ Requirement Relationships
- ✓ Validation Process
- ✓ Requirement Change Tracking

Module 9: Quality and Compliance Management

- ✓ Quality Planning
- ✓ Non-Conformance Management
- ✓ Corrective and Preventive Actions (CAPA)

- ✓ Audit Support
- ✓ Compliance Documentation
- ✓ Product Quality Reviews
- ✓ Regulatory Traceability

Module 10: Project and Collaboration Management

- ✓ Project Planning
- ✓ Team Collaboration
- ✓ Task Management
- ✓ Milestone Tracking
- ✓ Cross-Functional Coordination
- ✓ Product Development Monitoring

Module 11: Reporting and Functional Administration

- ✓ Dashboards
- ✓ Standard Reports
- ✓ Saved Searches
- ✓ User Roles
- ✓ Permissions Overview
- ✓ Functional Configuration
- ✓ Data Governance

Module 12: Industry Best Practices

- ✓ Automotive PLM

- ✓ Aerospace and Defense
- ✓ Industrial Manufacturing
- ✓ Electronics
- ✓ Medical Devices
- ✓ Digital Thread Concepts
- ✓ PLM Governance Strategies

Module 13: End-to-End Functional Business Case

- ✓ Product Creation
- ✓ Document Management
- ✓ BOM Development
- ✓ Change Management
- ✓ Workflow Execution
- ✓ Quality Validation
- ✓ Product Release
- ✓ Business Reporting
- ✓ Final Capstone Exercise