

Siemens Teamcenter X

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

Siemens Teamcenter X Training is designed to help professionals understand cloud-based product lifecycle management (PLM), product data management, document management, change management, workflow automation, and engineering collaboration. The course provides practical knowledge of managing product information, streamlining engineering processes, improving cross-functional collaboration, and supporting digital product development using Siemens Teamcenter X.

Module 1: Introduction to Siemens Teamcenter X

- ✓ Overview of Product Lifecycle Management (PLM)
- ✓ Introduction to Siemens Teamcenter X
- ✓ Cloud PLM Concepts
- ✓ Teamcenter X Architecture
- ✓ Key Features and Business Benefits
- ✓ User Interface and Navigation

Module 2: Product Data Management (PDM)

- ✓ Product Data Management Fundamentals
- ✓ Item and Revision Management
- ✓ Product Information Organization
- ✓ Data Relationships
- ✓ Version Control
- ✓ Product Data Best Practices

Module 3: Document Management

- ✓ Document Creation and Organization
- ✓ Document Classification
- ✓ Version and Revision Control
- ✓ Document Relationships
- ✓ Secure Document Access
- ✓ Document Lifecycle Management

Module 4: Product Structure and BOM Management

- ✓ Product Structure Concepts
- ✓ Bill of Materials (BOM) Management
- ✓ BOM Configuration
- ✓ Product Hierarchies
- ✓ Multi-Level BOM Management
- ✓ Product Structure Validation

Module 5: Engineering Change Management

- ✓ Engineering Change Requests (ECR)
- ✓ Engineering Change Notices (ECN)
- ✓ Change Approval Processes
- ✓ Impact Analysis
- ✓ Change Tracking
- ✓ Release Management

Module 6: Workflow and Process Automation

- ✓ Workflow Fundamentals
- ✓ Workflow Configuration
- ✓ Approval Workflows
- ✓ Task Assignment
- ✓ Notifications

- ✓ Process Automation Best Practices

Module 7: Lifecycle and Configuration Management

- ✓ Product Lifecycle States
- ✓ Lifecycle Transitions
- ✓ Configuration Management
- ✓ Product Variants
- ✓ Baselines
- ✓ Product Release Control

Module 8: Collaboration and Project Management

- ✓ Engineering Collaboration
- ✓ Team Collaboration
- ✓ Project Workspaces
- ✓ Data Sharing
- ✓ Task Coordination
- ✓ Communication Best Practices

Module 9: Integration with CAD and Enterprise Applications

- ✓ Siemens NX Integration
- ✓ Solid Edge Integration
- ✓ Multi-CAD Collaboration

- ✓ ERP Integration Concepts
- ✓ Data Synchronization
- ✓ Enterprise Connectivity

Module 10: Security and Administration

- ✓ User Administration
- ✓ Roles and Permissions
- ✓ Access Control
- ✓ Security Policies
- ✓ Cloud Administration
- ✓ System Maintenance

Module 11: Reporting and Analytics

- ✓ Standard Reports
- ✓ Product Status Reporting
- ✓ Change Reports
- ✓ Workflow Monitoring
- ✓ Dashboards
- ✓ Performance Analysis

Module 12: Best Practices and Real-World Implementation

- ✓ Cloud PLM Implementation Strategy

- ✓ Product Lifecycle Best Practices
- ✓ Engineering Data Governance
- ✓ Digital Thread Concepts
- ✓ Industry Use Cases
- ✓ End-to-End Teamcenter X Project Walkthrough