Teamcenter PLM – High-Level Training Syllabus

This syllabus provides a high-level roadmap for learning Siemens Teamcenter from installation to Active Workspace customization.

Module 1: Teamcenter Installation

- Teamcenter Architecture
- System Requirements
- Database Configuration
- Teamcenter Installation
- FMS Configuration
- Web Tier Configuration
- License Configuration
- Environment Setup
- Validation & Troubleshooting

Module 2: Teamcenter Core Modules

- My Teamcenter
- Organization
- Structure Manager
- Workflow
- Query Builder
- Access Manager
- Change Management
- Project Management
- Preferences

Module 3: BMIDE (Business Modeler IDE)

- BMIDE Fundamentals
- Business Objects
- Properties & Relations
- LOVs
- Conditions & Rules
- Naming Rules
- Templates
- Preferences
- Deployment

Module 4: Server-Side ITK Development

- ITK Fundamentals
- ITK APIs
- Object Management

- Dataset & Relation APIs
- Query APIs
- Workflow Customization
- Action & Rule Handlers
- Custom Exits
- Property Methods
- Error Handling
- Deployment

Module 5: Active Workspace (AWC) Usage

- AWC Interface
- Search & Navigation
- Object Management
- BOM Management
- Workflow Execution
- Change Management
- User Preferences

Module 6: Active Workspace Configuration

- AWC Architecture
- Declarative Framework
- XRT Configuration
- Commands & Tiles
- Object Pages
- Stylesheets
- Preferences
- Deployment

Module 7: Active Workspace Customization

- Development Environment
- ViewModel & HTML
- JavaScript Actions
- Commands & Panels
- Tables & Trees
- SOA Integration
- Custom Services
- Event Handling
- File Operations
- Build & Deployment

Capstone Project

- Complete Teamcenter Installation
- BMIDE Customization
- Server-side ITK Development

- Workflow Customization
- Active Workspace Configuration
- Active Workspace Customization
- End-to-End Deployment & Testing