AVEVA Unified Engineering – Electrical Admin Training

COURSE CONTENT

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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

AVEVA Unified Engineering – Electrical Admin training by Multisoft Systems is designed to equip professionals with comprehensive knowledge of administering and managing electrical engineering projects within a unified digital environment. This course focuses on system configuration, project setup, database management, user access control, and customization of engineering standards to ensure seamless project execution.

Module 1: Introduction to AVEVA Unified Engineering

- ✓ Overview of AVEVA Unified Engineering
- ✓ Architecture and system components
- ✓ Electrical module overview
- ✓ Role of Electrical Administrator
- ✓ Integration with multi-discipline engineering environment

Module 2: System Installation & Environment Setup

- ✓ Platform prerequisites and system requirements
- ✓ Environment configuration basics
- ✓ Project environment structure
- ✓ Understanding servers, clients, and database connectivity

Module 3: Project Creation & Configuration

- ✓ Creating and managing new electrical projects
- ✓ Defining project standards and templates
- ✓ Setting up project parameters and naming conventions
- ✓ Managing project lifecycle settings

Module 4: Database Administration

- ✓ Database structure and schema overview
- ✓ Managing engineering data
- ✓ Backup and restore procedures
- ✓ Data validation and integrity control
- ✓ Version control and revision management

Module 5: Catalog & Library Management

- ✓ Electrical catalogs configuration
- ✓ Device and component library setup

✓ Symbol and template customization

✓ Specification and standard management

✓ Import/export of catalog data

Module 6: User & Role Management

✓ Creating user accounts

✓ Role-based access control (RBAC)

✓ Permission configuration and security policies

✓ Managing team collaboration settings

Module 7: Workflow & Process Configuration

✓ Designing engineering workflows

✓ Approval and review process setup

✓ Change management configuration

✓ Inter-discipline coordination controls

Module 8: Reporting & Documentation Setup

✓ Report configuration and customization

✓ Data extraction and export options

✓ Documentation standards alignment

✓ Audit trail and compliance tracking

Module 9: System Customization & Integration

✓ Custom fields and attribute configuration

✓ Integration with other engineering modules

✓ Interface with external systems (if applicable)

✓ Automation and configuration best practices

Module 10: Performance Monitoring & Troubleshooting

- ✓ Monitoring system performance
- ✓ Identifying and resolving administrative issues
- ✓ Error logging and diagnostics
- ✓ Maintenance and upgrade considerations

Module 11: Best Practices & Real-World Scenarios

- ✓ Industry best practices for Electrical Administration
- ✓ Case studies from industrial projects
- ✓ Data governance strategies
- ✓ Administrative checklist for live projects