

# AVEVA XR Studio Training

## COURSE CONTENT

### GET IN TOUCH



Multisoft Systems  
B - 125, Sector - 2, Noida



(+91) 9810-306-956



info@multisoftsystems.com



www.multisoftsystems.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

AVEVA XR Studio Training by Multisoft Systems is designed to help professionals master immersive visualization and extended reality (XR) technologies for industrial applications. Built around the powerful capabilities of AVEVA XR Studio, this course enables learners to create interactive 3D environments that enhance engineering design, operations, maintenance, and collaboration across complex projects. The training focuses on integrating digital twins, 3D models, and real-time operational data into immersive XR experiences.

## Module 1: Introduction to XR & AVEVA XR Studio

- ✓ Overview of Extended Reality (XR), AR, VR, and MR in industry
- ✓ Use cases in plant training, maintenance, and operations
- ✓ Introduction to AVEVA XR Studio features and architecture

## Module 2: XR Ecosystem & Tools

- ✓ Hardware types (headsets, controllers)
- ✓ Software ecosystem and platform requirements
- ✓ XR deployment environments

## Module 3: 3D Data Integration & Digital Twin Connectivity

- ✓ Importing 3D engineering models
- ✓ Linking digital twin data sources to XR scenes
- ✓ Synchronizing real-time process and simulation data

## Module 4: Creating Immersive XR Experiences

- ✓ Designing XR scenes and navigation
- ✓ Setting up interactive environments
- ✓ Asset optimization and scene performance

## Module 5: Interactivity & Logic Scripting

- ✓ Enabling interactive elements
- ✓ Logic layer basics and event triggers
- ✓ User interaction design (gestures, controllers)

## Module 6: Simulation & Virtual Walkthroughs

- ✓ Building simulation workflows
- ✓ Walkthroughs for design reviews, commissioning, and training

## Module 7: Collaboration & Multi-User Scenarios

- ✓ Adding collaboration features
- ✓ Shared sessions for remote teams

## Module 8: Deployment & Runtime Management

- ✓ Packaging XR applications
- ✓ Publishing to devices and enterprise distribution

## Module 9: Use Cases & Industry Scenarios

- ✓ Plant operation and control room simulation
- ✓ Safety scenario simulations and emergency response
- ✓ Training evaluation and analytics

## Module 10: Best Practices and Optimization

- ✓ XR performance optimization
- ✓ Troubleshooting and maintenance
- ✓ Security and data governance in XR environments