VDC Training (5D) Training

COURSE CONTENT

GET IN TOUCH

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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

Virtual Design and Construction (VDC) with 5D integration is revolutionizing the construction industry by enabling seamless collaboration between design, cost estimation, and project scheduling. The VDC (5D) Training by Multisoft Systems is designed to equip professionals with the knowledge and tools to integrate 3D BIM models with 4D (time) and 5D (cost) dimensions.

Module 1: Introduction to VDC and 5D modeling

- ✓ Core concepts of VDC
- ✓ Introduction to 5D modeling
- ✓ Evolution and benefits of 5D VDC

Module 2: Practical VDC tools training

- ✓ Hands-on with VDC tools
- ✓ Creating a basic 5D model

Module 3: Advanced cost estimation in VDC

- ✓ Cost management methods
- ✓ Tools for cost estimation
- ✓ Managing cost data in a 5D model

Module 4: Project simulations and optimization

- ✓ Analyzing project timelines
- ✓ Budget optimization strategies
- ✓ Real-time scenario testing

Module 5: Collaborative project management with BIM 360

- ✓ BIM 360 features and capabilities
- ✓ Enhancing collaboration with practical exercises
- ✓ Managing project information

Module 6: Integrative capstone project

- ✓ Developing a detailed 5D model
- ✓ Applying advanced VDC techniques
- ✓ Demonstrating proficiency in VDC