

Advance

BIM Coordination 4.0 For Professional

BIM
Building
Information
Modeling

ONLINE

1 month - 30+ Hours

One To One Live Online Training Course

CERTIFIED BY



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Course Overview

Advance BIM Coordination 4.0 For Professional

Duration:- 30+ Hours

Master multidisciplinary BIM coordination with our Advanced BIM Coordination 4.0 course. Learn ISO 19650 standards, clash detection, automation, AI integration, and digital twin workflows. Gain hands-on experience with Navisworks, Revit, and ACC through real-world simulations, case studies, and live projects—preparing you to lead complex projects with precision and efficiency.

Key Features



Live One-to-One Training
Personalized learning experience with expert trainers



Hands-on Training
with Industry-Leading Software, workflow and Plugin



Live Project Training
Experience Real-World Design and Modeling Challenges!



Career Advancement
Enhance your BIM Management skills to stay ahead in the industry

BIM coordinators, project managers, architects, engineers, construction professionals, and digital delivery specialists aiming to master state-of-the-art BIM coordination for complex projects.

Participants will gain deep theoretical knowledge, practical skills, and advanced tool proficiency to lead multidisciplinary BIM coordination efficiently with contemporary technologies, significantly reducing project risks and driving superior construction outcomes.

Course Modules

Industry Focus: Design Engineer, BIM Coordinator, BIM Manager, BIM Engineer, Design Coordinator, Project Managers, Infrastructure Consultant and Working Professionals in AEC

Modules

Table of contents

Duration

Module 1

Introduction to BIM Coordination

30 HR

- Overview of BIM Coordination
- Roles & Responsibilities of a BIM Coordinator
- Importance of BIM in Design & Construction Coordination
- Understanding LOD (Level of Development) and its impact on Coordination
- Introduction to ISO 19650 & Other BIM Standards

240 Min

Module 2

BIM Coordination Process & Workflow

300 Min

- Understanding Coordination Requirements at Different Project Stages
- Common Data Environment (CDE) & Document Management (BIM 360, ACC, etc.)
- BEP (BIM Execution Plan) & Coordination Strategy
- Clash Detection vs. Clash Avoidance
- Collaboration Workflows: Design vs. Construction Coordination

Module 3

BIM Coordination Tools & Software

300 Min

- Autodesk Navisworks Manage
- Model Aggregation
- Clash Detection & Rule-Based Checking
- Clash Grouping & Clash Report Generation
- Appearance Profiler & Model Visualization
- Time Liner (4D Scheduling) Basics
- Autodesk Revit for Coordination
- Model Linking & Work-sharing
- Interference Check
- Copy/Monitor & Coordination Review
- BIM 360 / Autodesk Construction Cloud (ACC)
- Model Coordination
- Issue Tracking & Resolution
- Coordination Meetings & Communication

Module 4

Clash Detection & Clash Resolution

240 Min

- Understanding Types of Clashes (Hard, Soft, Workflow)
- Setting Up & Running Clash Tests in Navisworks
- Interpreting Clash Reports & Prioritization Techniques
- Clash Resolution Strategies (Revit Adjustments, RFI Workflow)
- Coordination Meeting Best Practices

Module 5**Multidisciplinary Coordination Case Studies*****180Min***

- Architecture vs. Structure Coordination
- MEP vs. Structure Coordination
- MEP vs. Architecture Coordination
- Subcontractor Coordination & Fabrication Model Adjustments
- Real-World Case Studies & Lessons Learned

Module 6**Advanced Coordination & Automation*****180Min***

- Clash Detection Automation Using Dynamo & APIs
- AI & Machine Learning in BIM Coordination
- 4D/5D Integration in Coordination
- Digital Twin Integration for Facilities Management

Module 7**Professional Practice & Digital Leadership*****180Min***

- Advanced BIM Execution Planning
- Quality Assurance & Compliance
- Change Management & Digital Transformation
- Construction 4.0
- Progress Tracking
- Global Collaboration

Module 8**Hands-on Workshop & Live Project Simulations*****180Min***

- Hands-on Clash Detection in Navisworks
- Live Issue Tracking & Coordination in BIM 360/ACC
- Conducting & Documenting Coordination Meetings
- Coordination Issue Resolution & Model Updates

REGISTRATION

Advance BIM Coordination 4.0 For Professional

ENROLLMENT PROCEDURE

FILL OUT THE
REGISTRATION
FORM

1

2

PROVIDE BASIC DETAILS (NAME,
EMAIL, CONTACT NUMBER,
QUALIFICATION, EXPERIENCE).

RECEIVE YOUR
LETTER OF
ADMISSION

3

4

CHOOSE PAYMENT METHOD
(ONLINE TRANSFER, UPI,
CREDIT/DEBIT CARD)

START LEARNING
& PROJECT
WORK

5

FULL BIM MASTERY PROGRAM
20,990/-

📌 *Limited Seats Available – Enroll Now!*

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