



Advanced BIM Information Management and Coordination Training Course

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Overview

Advanced BIM Information Management and Coordination Training Course is a five-day course for BIM managers, coordinators, architects, engineers, and project teams who leave with a BIM Delivery and Coordination Control File. Participants connect ISO 19650 information management, BIM execution planning, common data environment workflows, federated coordination, information exchanges, and quality controls. The course turns disconnected models and records into governed delivery evidence. Agile Leaders Training Center presents advanced BIM coordination through vendor-neutral project controls.

Who Should Attend

- BIM management functions responsible for information strategy and delivery governance
- Coordination functions responsible for federating discipline models and resolving issues
- Architecture and engineering functions responsible for producing and exchanging model information
- Project controls functions responsible for milestones, responsibilities, and delivery evidence
- Quality functions responsible for model checks, status controls, and audit records

The course assumes participants can navigate BIM project deliverables and coordination meetings, and it leaves out introductory modeling, software commands, and discipline-specific authoring techniques.

Departments and Industries

The course supports departments and industries that manage multidisciplinary digital information across project delivery.

- Architecture, engineering, and construction consultancies
- Building, infrastructure, and transport project teams
- Industrial, energy, and process-facility delivery functions
- Asset-owner information and capital-project departments
- Digital delivery, quality assurance, and project-controls teams

Learning Objectives

By the end of this course, participants will be able to:



- Apply ISO 19650 concepts to project information responsibilities
- Build a BIM execution plan around defined requirements and exchanges
- Use common data environment states and approval controls
- Analyze federated models, clashes, issues, and coordination priorities
- Evaluate information quality against delivery and acceptance criteria
- Create a BIM delivery and coordination control file

Course Agenda

Day 1: Information Management Framework

- ISO 19650 Concepts and Responsibility Map
- Organizational and Project Information Requirement Hierarchy
- Exchange Information Requirement Definition Sheet
- Information Delivery Milestone and Responsibility Matrix
- BIM Capability and Mobilization Assessment

Day 2: BIM Execution and Data Control

- BIM Execution Plan Structure and Decision Log
- Common Data Environment State Workflow
- Information Container Naming and Status Convention
- Review, Authorization, and Acceptance Control Path
- Master Information Delivery Plan Coordination

Day 3: Federation and Issue Coordination

- Multidisciplinary Model Federation Procedure
- Clash Test Strategy and Tolerance Register
- BCF Issue Assignment and Resolution Workflow
- Coordination Meeting Evidence and Action Tracker
- Model Version and Change Impact Crosscheck

Day 4: Exchanges and Quality Assurance

- IFC Exchange Purpose and Mapping Record
- IDS Information Requirement Check
- Model Quality Assurance Rule Set
- Information Completeness and Acceptance Dashboard
- Delivery Risk, Exception, and Escalation Register

Day 5: BIM Delivery Control Practice

- Suggested Exercise: Map Information Responsibilities
- Suggested Exercise: Configure Common Data Environment States
- Suggested Exercise: Prioritize Federated Coordination Issues
- Suggested Exercise: Verify an Information Exchange
- Capstone Exercise: BIM Delivery and Coordination Control File

Practical Exercises

The course uses suggested activities to connect BIM governance decisions with reviewable delivery records.

- Suggested activity: map requirements, appointments, responsibilities, and delivery milestones for a multidisciplinary project.
- Suggested activity: classify information containers through work-in-progress, shared, published, and archived states.
- Suggested activity: triage clashes and BCF issues by responsibility, impact, status, and required evidence.
- Suggested activity: assemble exchange checks, quality findings, exceptions, approvals, and actions into one control file.

FAQs

What does advanced BIM information management control?

Advanced BIM information management controls requirements, responsibilities, production states, exchanges, approvals, coordination evidence, and acceptance records across a project delivery team.

Who suits advanced BIM information management training, and what does it assume?

BIM managers, coordinators, architects, engineers, project controls, and quality functions suit the training. It assumes familiarity with BIM deliverables and multidisciplinary coordination.

How does advanced BIM information management differ from software modeling training?

Advanced BIM information management governs requirements, workflows, exchanges, coordination, and acceptance across tools. Software modeling training concentrates on creating discipline content through specific commands.

How does a common data environment support BIM coordination?

A common data environment supports BIM coordination by controlling information states, revisions, suitability, authorization, access, and traceable movement between production and delivery stages.



How are federated BIM coordination issues managed?

Federated BIM coordination issues are managed through defined tests, tolerances, ownership, priorities, status tracking, evidence, and verified closure rather than an undifferentiated clash list.

Conclusion

Participants take back a BIM Delivery and Coordination Control File linking requirements, responsibilities, data states, federation checks, issues, exchanges, and acceptance evidence. It changes disconnected digital outputs into a governed delivery record. The file gives project, design, coordination, and quality functions a shared basis for controlling information and resolving exceptions.



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