

Graphisoft BIMx Essentials

1. TARGET AUDIENCE:

This course is designed for professionals involved

- Architects
- BIM Coordinators
- BIM Engineers
- Interior Designers
- Construction Engineers
- Project Managers
- Site Engineers
- Design Review Teams
- Architecture and Civil Engineering Students
- Professionals using Archicad or Open BIM workflows

2. COURSE OBJECTIVE:

This course introduces learners to **Graphisoft BIMx**, Graphisoft's interactive BIM presentation and collaboration platform. Participants will learn how to publish, navigate, review, share, and collaborate using BIMx models generated from Archicad. The course covers mobile and desktop workflows, Hyper-model technology, issue communication, model presentation, and construction review techniques, enabling learners to efficiently communicate BIM data throughout the project lifecycle

3. COURSE OUTCOMES:

After completing this course, learners will be able to:

- Understand the Graphisoft BIM ecosystem.
- Explain the role of BIMx in Open BIM workflows.
- Publish BIMx Hyper-models from Archicad.
- Navigate BIM models using Desktop, Mobile, and Web.
- Review architectural models interactively.
- Access 2D drawings linked with 3D models.

- Create presentations using BIMx.
- Communicate design intent with stakeholders.
- Share BIMx models securely.
- Manage BIMx projects using BIMcloud integration.
- Review construction documentation digitally.
- Apply BIMx in client presentations and site coordination.

4. COURSE OUTLINE:

The course comprises **32 hours** of theory, demonstrations, and hands-on practical exercises divided into **9 comprehensive chapters**.

Module 1: Introduction to Graphisoft BIM Ecosystem

- Introduction to Graphisoft
- Nemetschek Group Overview
- What is BIMx?
- BIMx vs PDF Drawings
- BIMx Workflow
- BIMx in Design and Construction
- BIMx Licensing Options
- BIMx Platform Overview

Module 2: BIMx Interface Fundamentals

- Desktop Interface
- Mobile Interface
- BIMx Web Viewer
- Navigation Controls
- View Modes

- Camera Controls
- Walk Mode
- Fly Mode
- Touch Gestures
- User Preferences

Module 3: BIMx Hyper-model Technology

- What is a Hyper-model?
- 3D + 2D Integration
- Hyper-links
- Floor Navigation
- Drawing Navigation
- Interactive Documentation
- Smart Linking
- Hyper-model Advantages

Module 4: Publishing BIMx Models

- Preparing Archicad Model
- Publisher Sets
- Exporting BIMx Files
- Hyper-model Publishing
- File Optimization
- Cloud Publishing
- Updating BIMx Models
- Version Management

Module 5: Model Navigation & Visualization

- Section Views
- Perspective Views
- Orthographic Views
- Saved Views
- Favorites
- Hide Elements
- Layers Visibility
- Surface Display
- Navigation

Module 6: Reviewing Models

- Measuring Elements
- Element Information
- BIM Data Review
- Room Information
- Material Properties
- Opening Details
- Interactive Sections
- Markups Overview
- Review Workflow

Module 7: Collaboration & Communication

- Sharing BIMx Models
- BIMx Transfer
- QR Code Sharing
- Cloud Sharing
- Presentation Mode
- Client Review Workflow
- Site Review Workflow

- Communication Best Practices

Module 8: BIMcloud Integration

- Introduction to BIMcloud
- Teamwork Projects
- Publishing from BIMcloud
- Access Permissions
- Synchronization
- Project Updates
- Collaboration Workflow
- Version Coordination

Module 9: Mobile BIM Workflow

- BIMx on Android
- BIMx on iOS
- Offline Models
- Cloud Models
- Tablet Workflow
- Site Inspection
- Field Coordination
- Construction Review
- Mobile Productivity Tips