

## BIM Management Training Courses

Unlock the potential of managing Building Information Modelling (BIM) projects with our tailored 24-hour online course designed for professionals looking to lead in the digital construction industry.

Gain in-depth knowledge and practical skills from one of the top BIM experts in the Southern Hemisphere, Florian Neumayr, by joining our comprehensive sessions.

### Course Overview

You will learn the following topics, depending on whether you enrol in BIM Management Essentials, Fundamentals and Advanced:

- **BIM Management:** Dive into digital engineering, prototyping, and twins, and explore global and local standards, including ISO certifications and project management frameworks.
- **Project Management:** Master integrated project delivery, tender processes, and BIM execution plans. Get hands-on with essential software packages like Revit, AutoCAD, and Navisworks.
- **Model Management:** Learn standards such as ANZRS and OBOS, and tackle troubleshooting for Revit models.
- **Coordination Management:** Enhance your collaboration skills with tools like BIM360, IFC, and Navisworks for clash detection and 4D simulation.
- **Risk Management:** Understand risk analysis, monitoring, and procurement to safeguard your projects.
- **Job Descriptions:** Get insights on creating effective BIM-related job roles for HR.

#### About the Presenter:

Florian Neumayr brings over 20 years of industry experience, specialising in BIM, Fabrication and the convergence of construction and manufacturing.

A renowned expert based in Western Australia, Florian has consulted on projects ranging from \$100k to \$1 billion. His sessions are designed to optimise workflows, making room for flexibility and reducing costly repetition.

Join us and transform your career with cutting-edge BIM management training. Enrol today and lead the future of construction!

## BIM Management Essentials

### Course Length: 8-Hours

- 8-Hours - 4 x 2-hour sessions
- Remote training over MS Teams
- Sessions are recorded and download links for each session are provide for future use
- Training for up to 1-3 People
- Sessions can start within 7 days upon ordering
- Flexible sessions (i.e. consecutive or Monday, Wednesday, Friday, etc.)
- Courses are private and topics can be customised to suit
- Includes Certificate of Completion
- Training manuals are additional \$159 each for soft copy

### Topics Covered:

- BIM Management explained (4 hours)
  - Digital Engineering
  - Digital Prototyping
  - Digital Twins
  - Global and Local Standards
    - ISO 19650 (building information modelling)
    - ISO 7817 (BIM level of information in need, LOD's)
    - ISO 13567 (CAD coordination)
    - ISO 14001 (construction & environment)
    - ISO 21500 (project management)
    - ISO 27001 (information security)
    - ISO 55000 (asset management)
    - PMP (project management certifications)
    - Agile / Scrum
  - BIM Implementation Strategies
  - Business Analysis Tools
  - Project Dasher
- Project Management (4 hours)
  - Integrated Project Delivery (IPD)
  - Tender Process
  - BIM Execution Plan (BEP)
  - Software Packages (interaction & data exchange, focus on workflows)
    - Sketch Book
    - Formit Pro
    - Infracore
    - Civil 3D
    - Revit
    - AutoCAD
    - Inventor
    - Office 365
    - Navisworks
    - MS PowerBI
    - MS Project

- Primavera
- Robot Structural Analysis
- Advance Steel
- CostX
- Procore
- RIB (Candy, CX)
- Autodesk Construction Cloud
- Tandem
- Aconex
- Revizto
- BIM Beats
- Gaming Engines
  - Unreal
  - Unity3D
- Customisation
  - Dynamo
  - Python
  - C# Plugins
  - Forge

## BIM Management Fundamentals

### Course Length: 16-Hours

- 16-Hours - 8 x 2-hour sessions
- Remote training over MS Teams
- Sessions are recorded and download links for each session are provide for future use
- Training for up to 1-3 People
- Sessions can start within 7 days upon ordering
- Flexible sessions (i.e. consecutive or Monday, Wednesday, Friday, etc.)
- Courses are private and topics can be customised to suit
- Includes Certificate of Completion
- Training manuals are additional \$159 each for soft copy

### Topics Covered:

- BIM Management explained (4 hours)
  - Digital Engineering
  - Digital Prototyping
  - Digital Twins
  - Global and Local Standards
    - ISO 19650 (building information modelling)
    - ISO 7817 (BIM level of information in need, LOD's)
    - ISO 13567 (CAD coordination)
    - ISO 14001 (construction & environment)
    - ISO 21500 (project management)
    - ISO 27001 (information security)
    - ISO 55000 (asset management)
    - PMP (project management certifications)
    - Agile / Scrum
  - BIM Implementation Strategies
  - Business Analysis Tools
  - Project Dasher
- Project Management (4 hours)
  - Integrated Project Delivery (IPD)
  - Tender Process
  - BIM Execution Plan (BEP)
  - Software Packages (interaction & data exchange, focus on workflows)
    - Sketch Book
    - Formit Pro
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- Autodesk Construction Cloud
- Tandem
- Aconex
- Revizto
- BIM Beats
- Gaming Engines
  - Unreal
  - Unity3D
- Customisation
  - Dynamo
  - Python
  - C# Plugins
  - Forge
- Model Management (2 hours)
  - ANZRS (Australia & New Zealand Revit Standards)
  - OBOS (Open BIM Object Standard)
  - Troubleshooting Revit Models
- Coordination Management (4 hours)
  - Collaboration with Revit
  - Collaboration using BIM360
  - Collaboration using IFC
  - Navisworks
    - Clash Detection
    - 4D Simulation
    - Quantity take off
  - Autodesk Construction Cloud
  - Tandem
  - Bid Management
  - Resource Management

## BIM Management Advanced

### Course Length: 24-Hours

- 24-Hours - 12 x 2-hour sessions
- Remote training over MS Teams
- Sessions are recorded and download links for each session are provide for future use
- Training for up to 1-3 People
- Sessions can start within 7 days upon ordering
- Flexible sessions (i.e. consecutive or Monday, Wednesday, Friday, etc.)
- Courses are private and topics can be customised to suit
- Includes Certificate of Completion
- Training manuals are additional \$159 each for soft copy

### Topics Covered:

- BIM Management explained (4 hours)
  - Digital Engineering
  - Digital Prototyping
  - Digital Twins
  - Global and Local Standards
    - ISO 19650 (building information modelling)
    - ISO 7817 (BIM level of information in need, LOD's)
    - ISO 13567 (CAD coordination)
    - ISO 14001 (construction & environment)
    - ISO 21500 (project management)
    - ISO 27001 (information security)
    - ISO 55000 (asset management)
    - PMP (project management certifications)
    - Agile / Scrum
  - BIM Implementation Strategies
  - Business Analysis Tools
  - Project Dasher
- Project Management (4 hours)
  - Integrated Project Delivery (IPD)
  - Tender Process
  - BIM Execution Plan (BEP)
  - Software Packages (interaction & data exchange, focus on workflows)
    - Sketch Book
    - Formit Pro
    - Infracore
    - Civil 3D
    - Revit
    - AutoCAD
    - Inventor
    - Office 365
    - Navisworks
    - MS PowerBI
    - MS Project

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  - Robot Structural Analysis
  - Advance Steel
  - CostX
  - Procore
  - RIB (Candy, CX)
  - Autodesk Construction Cloud
  - Tandem
  - Aconex
  - Revizto
  - BIM Beats
  - Gaming Engines
    - Unreal
    - Unity3D
  - Customisation
    - Dynamo
    - Python
    - C# Plugins
    - Forge
- Model Management (4 hours)
  - ANZRS (Australia & New Zealand Revit Standards)
  - OBOS (Open BIM Object Standard)
  - Troubleshooting Revit Models
- Coordination Management (4 hours)
  - Collaboration with Revit
  - Collaboration using BIM360
  - Collaboration using IFC
  - Navisworks
    - Clash Detection
    - 4D Simulation
    - Quantity take off
  - Autodesk Construction Cloud
  - Tandem
  - Bid Management
  - Resource Management
- BIM Auditing (4 hours)
  - BIM Auditing Tools and Software
  - BIM Auditing Workflow
  - Data Quality and Compliance
  - Documentation and Reporting
  - Risk Management in BIM Auditing
- Risk Management (3 hours)
  - Risk Analysis
  - Risk Monitoring
  - Intellectual Property
  - Indemnity
  - Responsibility
  - Procurement
- Job Descriptions (for HR) (1 hours)

