BIM for the Business Owner
2 Day** Training Course

Overview
This course, designed particularly to address the requirement for Senior management in not only the Architectural field, but ALL Build related disciplines, to gain a more informed understanding of the challenges faced by South African companies who require implementation of this philosophy within their enterprises. We aim to equip you with the necessary understanding of amongst other things, roles and responsibilities, to ensure that your company can integrate BIM technologies in an efficient manner to maintain productivity and ultimately grow your company’s profitability.

The benefits of BIM (Building Information Modelling) reach far beyond the Revit operators and the consulting teams. Informed decisions by business owners improve production output throughout the construction process and lifecycle management. This course introduces business owners to BIM. Delegates will learn enough knowledge on BIM processes to know what to expect and what not to expect from delivering teams.

Who should Attend?
The course is designed for the business owners who are senior company decision makers in the build industry, from the owner / director of an architectural / engineering quantity surveying practice, portfolio owner, developer, construction company to facilities and asset managers.

Software
- BIM 360 Design

What’s Included?
- Course Notes & Stationery*
- Computer and software for the duration of course*
- Coffee, Tea & Delicious Lunch*
- WiFi Access*
- Professional Lecturer
- Internationally recognized Autodesk Authorized Training Certificate,
- Eligible to claim 6 Category 1 SACAP points.

* Pertains to in-class training only
** In-class training typically occurs over a 2 day period, customised training may differ
Course Content:

SESSION 1 – WHAT IS BIM
• Definition of BIM
• What BIM is not
• BIM
  - Building
  - Information
  - Management
• BIM Maturity
• BIM Enabling Tools
• How Does BIM Work
• Benefits of BIM

SESSION 2 – COMMON DATA ENVIRONMENT
• BIM Maturity Levels
• Benefits of CDE
• Example Software
• CDE Folder Structure
• WIP Folder Structure
• South African ID Number Decoded
• File Naming Convention

SESSION 3 – THE PROJECT BRIEF
• Area Plan
• Arial Photo
• Existing Conditions Model
• Decryption
• Goals
• Deliverables
• BIM Processes Used
• BIM Process Map

SESSION 4 – THE CLIENT BIM BRIEF
• Brief Overview
• Brief Structure

SESSION 5 – THE BIM EXECUTION PLAN
• BEP Content
• Information Delivery Plan

SESSION 6 – INFORMATION EXCHANGE
• Information Delivery Plan
• Data Verification Points

SESSION 7 – MODEL TRANSMITTAL & VALIDATION
• Model Federation
• Uses of Federated Model
• Different Software Tools

SESSION 8 – 4D BIM – CONSTRUCTION SCHEDULING
• Software Tools
• 4D Process
• Construction and Logistical Planning
• Construction Sequencing
• Progress Reporting
• Additional Benefits
• Considerations
• Timeline Simulation

SESSION 9 – 5D BIM – QUANTIFICATION
• Working in 5D
• Advantages of Model-based QTO and Estimating
• Who Does What
• 5D Process
• Level of Development

SESSION 10 – BIM AND FACILITIES MANAGEMENT
• A Very Different Model
• Data Accessibility
• BIM Process Map
• BIM for the Asset & Facilities Manager
Course Registration Form

Please complete, sign and return together with proof of payment to mgfxsales@mgfx.co.za or fax 086 694 9404

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Micrographics SA (Pty) Ltd Bank Details

ABSA Newton Park | Branch: 632005 | Account: 4093 847 926 | Reference: invoice number

Terms & Conditions:

1. Above Pricing Excludes VAT.
2. Students are to be at the training venue by 08h00 in preparation for a 08h30 start time.
3. Bookings can only be considered confirmation on receipt of payment.
4. Bookings may be changed up to three weeks in advance of the course. A fee of 20% will be levied to cover charges.
5. For full day courses, we will supply you with the relevant training material. A desktop computer to use for the training (where applicable) tea/coffee and a full lunch for full day In Class training hosted at the training center only.
   Catering is not included for OnSite training and laptop is available for hire at an additional cost if required.
6. Cancellation or rescheduling requests must be in writing and reach us at least 5 (five) working days prior to the course commencement date. Full course fees may be retained for no shows or requests within 5 working days prior to commencement.
7. Although we go to great lengths to ensure that all training proceeds as scheduled, we reserve the right to cancel or postpone dates if we require to do so and undertake to inform clients in writing and telephonically of these changes.
8. We suggest clients wait until a week prior to course commencement that a course has been confirmed to go ahead as scheduled before booking flight and accommodation. We are NOT responsible for cost associated with cancellation of classes such as flight and accommodation for clients.
9. Full training fees will apply if the above condition is not complied with.

Signed & Accepted

Name

Location