

BIM Fundamentals

Two day course

Gain a detailed understanding of the key drivers, requirements and strategic alignment needed to deliver Building Information Modelling (BIM) and how it allows you to achieve a faster, more efficient delivery of projects.



How will I benefit?

- Grasp the basic principles and terminology of BIM
- Understand the governments aims towards achieving Level 2 BIM
- Engage with clients on the benefits and key drivers associated to BIM
- Manage teams and projects to ensure all members of the supply chain are aware of the requirements to be able to deliver
- Appreciate the concept of 'Digital Built Britain'
- Ensure your business recognizes the need for the development of BIM as part of its agenda.



What will I learn?

- Principles and benefits of BIM
- Government aim to achieve Level 2 BIM by 2016
- Relevant British Standards and supporting documentation that align to delivering projects to achieve Level 2 BIM
- Value of information and how it should be managed, delivered and used through the capital, delivery and occupation phases of a project
- BIM as a determining factor on delivering projects on time, without waste and inefficiencies.



Who should attend?

This course is ideal for anyone involved in the design, construction and project management (including specialist subcontractors and clients) of BIM activities.

Book this course online by visiting bsigroup.com/training or call us today on +44 345 086 9000

BSI Training Academy

Agenda

Day 1

- Welcome & introductions
- Course benefits
- Aims, objectives & structure
- Outline & benefits of BIM
- Collaborative working
- Challenges within existing working practices & how BIM addresses these
- UK Context & the basics of the Government Construction Strategy
- Historical Context
- BIM Task Group activities
- Government Departments & Projects
- Global Context
- Industrial Strategy 'Construction 2025'
- Digital Built Britain
- Government soft landings & key activities
- Value of data & how it should be managed
- Concept of whole life & whole estate
- Portfolio vs capital led & single asset
- Global communities supporting BIM

Day 2

- Drivers & process requirements for the successful adoption of BIM Level 2
- BIM Level 2: What you need to know
- British Standards & industry documents supporting BIM government objectives
- Details of BIM Level 2
- Introduction to PAS 1192-2, PAS 1192-3, BS 1192-4 & PAS 1192-5
- Recommended roles & responsibilities
- BIM Level 2: Overview of security issues (PAS 1192-5)
- Drivers for business processes
- Return on investment (ROI)
- Decision Making
- BIM Level 2 Project Management
- Ensuring supply chain capability is in line with owner requirements (PAS 91)
- CIC Work Stages, RIBA Plan of Work & aligning client aspirations with staged approach to delivery of works
- Reflection & feedback

Our knowledge

We don't just train you to meet standards – we create them. As the world's first National Standards Body and a founding member of ISO, no one knows standards like BSI. Our expert knowledge means a lot and when you train with us, you benefit from this expertise.

Our tutors

Our tutors are the best in the business. As experienced assessors, they'll transfer the knowledge you need to embed standards into your organization and develop them through continual improvement.

Our approach

Our high impact accelerated learning approach is proven to fast-track learning by improving knowledge retention and skill application. This course is activity based, resulting in a deeper understanding of material and greater impact on job performance.

Your expertise

Our training courses will give you the knowledge and skills to embed the standards that matter to you the most. To promote your professional development, you'll receive a personalized BSI Training Academy certificate that's recognized worldwide.

Book today by visiting bsigroup.com/training

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