

BIM 101 - An Introduction to Building Information Modeling

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AIA Nebraska

BM 101: An Introduction to Building Information Modeling

BIM 101 is designed specifically for construction professional eager to learn the essential concepts of BIM. Those who will also benefit include building developers, owners, managers, supervisors, architects, engineers, and construction product manufacturers. Students in the architectures, engineering and construction industry will also greatly benefit from this training. The full-day course will give participants a comprehensive overview of BIM, supported by case studies to help participants comprehend each session's learning objectives. BIM 101 will introduce important concepts that will be necessary for future BIM courses.

Session 1 - What is BIM?

- Define common BIM terminology and BIM-related components
- Recognize differences between 2D CAD and 3D BIM
- Describe the evolution of BIM (past, present, and future)
- Discuss how BIM is used in collaboration
- Discuss the benefits of BIM to all parties involved

Session 2 - BIM Visualization Uses and Spatial Coordination

- Recognize the basics of the modeling process and model management protocol
- Recognize BIM uses in visualization, value analysis, and scope clarification
- Explain the advantages of BIM in regards to spatial coordination

Session 3 - BIM Scheduling, Estimating and Facility Management

- Recognize the advantages of BIM in scheduling and estimating
- Recognize how companies are using BIM in facility management
- Explain the benefits to and lessons learned from companies using BIM

Session 4 - Getting Started with BIM

- Identify challenges for getting started with BIM
- Demonstrate a basic understanding of BIM tools
- Develop a BIM Action Plan
- Use BIM resources provided to further understanding of more advanced BIM concepts and practice

BIM
EDUCATION
PROGRAM

Date: January 20th, 2010
Time: 8:00 a.m. - 5:00 p.m.
Location: Electrical Education Center,
8960 L St. Room 306, Omaha, Nebraska
Fee: \$295 (**includes \$125 textbook**) - CEU Available
Instructor: Jonathan Widney, CEO, Solibri and co-author/developer of BIM curriculum for AGC of America

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[Click here](#) for BIM 101 Registration Form.

[Click here](#) for description of the complete BIM Education Program and future courses.