

## *Unit 1: An Introduction to Building Information Modeling, 2<sup>nd</sup> Edition*

### **Your Resource for Successful BIM Implementation**

Building Information Modeling (BIM) is changing the way projects are constructed. Whether you are a prime contractor using BIM across an entire project or a subcontractor impacted by a specific BIM implementation, this emerging practice requires new mindsets and technological know-how in order to achieve significant improvements in efficiency and cost control.

AGC's BIM Education Program — developed in conjunction with leading BIM practitioners, technology firms and educators — is designed to prepare construction professionals at all experience levels to successfully implement BIM on a construction project.

The highly interactive program provides 32 hours of training:

*Unit 1: An Introduction to Building Information Modeling, 2<sup>nd</sup> Edition*

*Unit 2: BIM Technology, 2<sup>nd</sup> Edition*

*Unit 3: BIM Contract Negotiation and Risk Allocation, 1<sup>st</sup> Edition*

*Unit 4: BIM Process, Adoption, and Integration, 1<sup>st</sup> Edition*

BIM Education Program courses are offered at AGC Chapters nationwide

Visit [www.agc.org/BIM](http://www.agc.org/BIM) for dates and locations

## *Unit 1: An Introduction to Building Information Modeling, 2<sup>nd</sup> Edition*

*An Introduction to Building Information Modeling* is a full-day course that provides an overview of BIM terminology and practices while introducing important concepts necessary to understand how BIM is changing the construction process.

### Course Sessions

- Session 1: What is Building Information Modeling?
- Session 2: BIM Use Cases
- Session 3: Beyond Basic BIM
- Session 4: Getting Started with BIM

### Course Learning Objectives

Following completion of *Unit 1*, participants will be able to:

- Recognize the importance of BIM;
- Define common BIM terminology;
- Discuss how BIM can be used as a communication and collaboration tool;
- Explain the benefits of BIM;
- Explain the federated model process;
- Compare examples of successful BIM usage;
- Discuss issues associated with starting BIM; and
- Create a Company BIM Assessment.

### Earn Your CM-BIM

AGC's Certificate of Management — Building Information Modeling is the construction industry's only credential that teaches the practical application of the Building Information Modeling process for commercial construction firms. Participants are eligible for the CM-BIM credential after completing all four courses in the BIM Education Program and successfully completing an exam.