

Unit 2: BIM Technology, 2nd 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, 2nd Edition

Unit 2: BIM Technology, 2nd Edition

Unit 3: BIM Contract Negotiation and Risk Allocation, 1st Edition

Unit 4: BIM Process, Adoption, and Integration, 1st Edition

BIM Education Program courses are offered at AGC Chapters nationwide

Visit www.agc.org/BIM for dates and locations

Unit 2: BIM Technology, 2nd Edition

BIM Technology is a full-day course designed to provide a neutral introduction to BIM tools. Throughout the course, tools are introduced as they relate to the functions they perform, as well as particular phases in a project where they have the strongest capabilities. By understanding these differences, it is possible for each attendee to determine what questions need to be asked prior to making an investment in technology.

Course Sessions

- Session 1: Technology Overview and Definitions
- Session 2: Tools
- Session 3: Technology Selection
- Session 4: File Formats and the BIM Execution Plan

Course Learning Objectives

Following completion of *Unit 2*, participants will be able to:

- Explain the phased structure of a BIM project;
- Discuss the classes of BIM tools;
- List common BIM applications;
- Describe how the use of BIM tools needs to be planned and organized;
- Explain the need to embed tools into processes; and
- Develop a process for identifying and selecting BIM tools.

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.