

BIM Process, Adoption, and Integration

An AGC Construction Learning Tool

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 40-hours of instruction and training:

Unit 1: BIM 101

Unit 2: BIM Technology

Unit 3: BIM Contract Negotiation and
Risk Allocation

**Unit 4: BIM Process, Adoption,
and Integration**

EARN YOUR CERTIFICATE OF MANAGEMENT (CM-BIM)

AGC's Certificate of Management—Building Information Modeling program is the construction industry's first and only certificate program that teaches the practical application of the building information modeling process for commercial construction firms.

For more information on any of AGC's BIM courses or the CM-BIM program visit www.agc.org/CM-BIM.

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BIM Process, Adoption, and Integration is a full-day (8-hour) course that provides a foundation for participants to establish and execute the BIM process, facilitate its adoption, and achieve integration on a single project and at a company level to execute multiple BIM projects simultaneously.

This course is developed for those who have had significant exposure to BIM tools, mechanics, theory and processes and want to learn best practices to implement it into construction projects and firms. This course relies on a highly participatory learning environment including case studies, classroom discussions, and instructor-led discussions.

Course Sessions:

- Session 1—Introduction to BIM Process, Adoption, and Integration
- Session 2—Project-Level BIM Implementation
- Session 3—Company-Level BIM Implementation

Course Learning Objectives:

Following this course, participants will be able to:

- Define process, adoption, and integration as related to BIM implementation
- Describe why BIM is a disruptive practice today
- Identify reactive and proactive BIM outcomes
- Evaluate and select process options for a specific BIM project
- Describe the roles and responsibilities of participants in the BIM process
- Identify consistent factors influencing BIM Return on Investment (ROI) at the project and the company levels
- Communicate the BIM process to management, colleagues, and project stakeholders
- Outline a process for BIM adoption and implementation at the project and the company levels

Continuing Education

Select BIM EP courses may be approved for continuing education units such as American Institute of Architects (AIA) Learning Units, Green Building Certification Institute (GBCI) Continuing Education Hours, and American Institute of Constructors (AIC) Continuing Professional Development Hours.

AGC BIM Education Program courses are offered at participating AGC Chapters nationwide. Visit the AGC website for dates and locations of courses in your area:
www.agc.org/cs/bim_ep_calendar

Who Should Attend?

Contractors, construction managers, design professionals, owners, and suppliers, and service providers.