BIM EDUCATION PROGRAM

AGC's BIM Education Program and Certificate of Management—Building Information Modeling

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.

Each BIM Education Program course provides a full day of training for a total of 32 hours of course time. After participants complete all four courses in the program they become eligible to sit for the Certificate of Management—Building Information Modeling exam. All courses should be take sequentially.

The CM-BIM is the construction industry's only credential that teaches the practical application of the Building Information Modeling process for commercial construction firms.

***Unit 1*: October 9, 2015**

***Unit 2*: October 23, 2015**

***Unit 3*: November 13, 2015**

***Unit 4*: November 20, 2015**

MBA
Master Builders' Association
Of Western Pennsylvania, Inc.

AGC of America
THE ASSOCIATED GENERAL CONTRACTORS OF AMERICA
Quality People. Quality Projects.

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Unit 1: An Introduction to Building Information Modeling, 2nd Edition

Designed as the first step for any company looking to understand the role of BIM in our industry and develop its own BIM Champion, *Unit 1* provides a comprehensive understanding of BIM terminology while introducing important concepts that are necessary to understand how BIM is changing the construction process. The course culminates with participants developing a Company BIM Assessment to back to their organizations to begin implementing BIM project- and corporate-wide.

Unit 2: BIM Technology, 2nd Edition

Throughout this second 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. Tools are examined by how they fit the process and needs of the user(s). We explain a four-step process of software selection that participants can use as they start the BIM software-purchasing process. The course concludes by examining file formats before participants develop a sample BIM Execution Plan that will help guide their company implementation process.

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

The course begins by explaining how to articulate roles and responsibilities for BIM use on a project using contractual BIM addendums. Participants learn definitions of common intellectual property terms; review types of insurance coverage that protect against certain risks related to BIM use; explore specialty insurances, and examine surety bonding issues that result from the BIM process.

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

The course describes how to establish and execute the BIM process, facilitate its adoption, and achieve integration on a single project and on multiple projects simultaneously. Participants will review several real-world case studies to analyze the costs, benefits and impacts of each decision made while experiencing how BIM breaks down the isolation found in organizational silos. While it may appear at times that BIM is a technology-led movement, the reality – and AGC's BIM EP - speaks to a results-driven shift with real change happening within the construction industry.

Registration Fees

Per course:	$200 for MBA member
	$300 for non-member
All four courses:	$600 for MBA member
	$900 for non-member

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