

# BIM EDUCATION PROGRAM

AGC's Building Information Modeling Education Program (BIM EP) is designed to educate construction professionals at all experience levels in BIM concepts and processes. The full program consists of four 8-hour courses, intended to give participants a broad understanding of the new processes required in BIM. These highly interactive courses combine the latest information on BIM processes and technologies, step-by-step procedures for integrating BIM into the project delivery process, real-life case studies of successful BIM implementation, and the practical issues all parties need to understand when using BIM on a construction project. ***This course will be delivered virtually.***

## Unit 1 - An Introduction to Building Information Modeling

Unit 1 is the first step for any company looking to understand the role of BIM in our industry and develop its own "BIM Champion". It provides a comprehensive understanding of BIM terminology while introducing important concepts that are necessary to understand how BIM changes the construction process. The course culminates with participants developing a company BIM assessment to bring back to their organizations to begin implementing on BIM projects and corporate-wide.

## Unit 2 - BIM Technology

Unit 2 provides a neutral introduction to BIM tools. 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. Instructors will cover 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, compatibility, and emerging technology, and how they work together to transform the industry.

## Unit 3 - BIM Project Execution Planning

Unit 3 begins by articulating the roles and responsibilities for BIM use on a project using contractual BIM addendums. Participants learn how to define terms that are used to negotiate a BIM contract. Building on this knowledge, this course will explore concepts of liability exposure and standards of care that arise from using BIM. The course includes a BIM Execution Plan development workshop that takes students through industry standard templates while providing a detailed outline of all the procedural and substantive activities.

## Unit 4 - BIM Adoption, Implementation and ROI

Unit 4 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 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 Education Program – speaks to a results-driven shift with real change happening within the construction industry.

The highly interactive program provides 32-hours of instruction and training, delivered virtually, to get construction industry professionals at all levels ready to take advantage of the benefits of BIM. After participants complete all four courses in the program they become eligible to sit for an exam to earn the **Certificate of Management - Building Information Modeling (CM-BIM)**. The exam is also hosted virtually and requires an additional \$500 registration fee.

## Pricing

### Units 1-4 combined

\$1100/AGC CLC member/Student

\$1200/AGC Member

\$1280/CIAP Member

\$1500/Non-Member

**Registration Deadline:** January 15, 2021

### Individual units

\$300/AGC CLC member/Student

\$325/AGC Member

\$345/CIAP

\$400/Non-Member

Participant manuals included in pricing.

## Dates/Times

Unit 1 T/TH February 2/4/9/11, 2021 8:00 p.m.—10:00 p.m.

Unit 2 T/TH February 16/18/23/25, 2021 8:00 p.m.—10:00 p.m.

Unit 3 T/TH March 2/4/9/11, 2021 8:00 p.m.—10:00 p.m.

Unit 4 T/TH March 16/18/23/25, 2021 8:00 p.m.—10:00 p.m.

NOTE: Class size is limited. Cancellations will be accepted if notification is submitted to Viki Gotts, in writing, no less than 48 hours in advance of each Unit start date/time. Substitutions accepted. Participants must have a desktop or laptop computer to attend virtual classes (no cell phones).

## COURSE FACILITATORS:

**Pablo Medina, CM-BIM**, is a Senior Virtual Designer + Construction Manager with McCarthy Building Companies in San Diego, CA. In addition, Pablo has helped to transition AGC's BIM EP to the virtual environment and lead numerous class sessions. Prior to join McCarthy in 2018, Pablo was a VDC/BIM Project Manager with Turner Construction.

**Ariel Castillo, CM-BIM**, is a Strategic Process and VDC Specialist with Miller Davis Company in Kalamazoo, MI. In addition, he taught BIM for Universidad Iberoamericana, in Santo Domingo, Dominican Republic, and founded BIMTECH. Ariel is "Busy spreading knowledge to build he next big thing."

 REGISTER NOW

FOR MORE INFORMATION CONTACT:



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