



INSTRUCTOR APPROVAL FORM AGC'S BIM EDUCATION PROGRAM

UNIT 2: BIM TECHNOLOGY, 2ND EDITION

BIM Education Program and Credentialing

The Building Information Modeling Education Program (BIM EP) and the corresponding Certificate of Management — Building Information Modeling (CM-BIM) were developed in conjunction with leading BIM practitioners, technology firms, legal professionals, educators, and testing experts to serve as the standard curriculum for the commercial construction industry. The BIM EP is comprised of four courses:

- *Unit 1: An Introduction to Building Information Modeling, 2nd edition*
- *Unit 2: BIM Technology, 2nd edition*
- *Unit 3: Contract Negotiation and Risk Allocation, 1st edition*
- *Unit 4: Process, Adoption, and Integration, 1st edition*

Facilitation Skills

Instructors should be well-versed in the contents of the course materials, knowledgeable of the course format and committed to helping the attendees achieve the course learning objectives. AGC of America welcomes and encourages instructors to add personal experiences, case studies, examples, exercises and visual aids.

In addition to having excellent communication and listening skills, instructors must:

- Be skilled at leading class activities and ensuring that learners actively engage with course content and activities.
- Encourage everyone's participation in the discussions, keeping the group focused and on track without dominating discussion and group processes.
- Expect to spend between 16 to 24 hours preparing and familiarizing themselves with the materials.
- Maintain a positive attitude and professional approach to the presentation of course material.

Overview of Unit 2, 2nd Edition

Unit 2: BIM Technology is an eight-hour, instructor-led course that is designed to provide a neutral introduction to BIM tools

The course consists of four sessions:

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

AGC of America relies on approved instructors to ensure participants master the course learning objectives:

- 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.

Instructor Statement of Qualifications

AGC of America has established the following minimum requirements for approved instructors. Please **check the boxes** below to note that you meet each requirement, then sign and submit your form to the AGC of America staff contact. All instructors must have:

- An understanding of BIM concepts and terminology.
- An understanding of the roles and responsibilities of project team members on a project using BIM.
- Experience leading BIM implementation on several projects as a construction professional.
- Experience initiating BIM from within a construction firm.
- Knowledge of the implementation challenges and risks associated with implementing BIM.
- Some background in a wide variety of BIM tools, over many different phases of construction, including:
 - Preliminary design
 - Authoring
 - Analysis
 - Shop drawing and fabrication
 - Construction management
 - Model review
 - Collaboration and communication
- Experience selecting hardware and BIM software.
- Knowledge of scanning technology.
- A thorough understanding of the different types of file formats.
- Experience developing a BIM Execution Plan.
- Experience leading, or playing a major role, in the coordination process.
- The ability to make the presentation entirely BIM "product neutral" neither endorsing specific BIM tools, nor showing bias, through actions or professional affiliations.

Please provide specific examples of how you meet the above requirements

All instructors should be familiar with the subjects covered in all BIM Education Program courses to avoid unnecessary repetition of the course material. Please check all the statements that apply:

- To familiarize myself with *Unit 1, 2nd Edition, I:*
 - Attended a *Unit 1, 2nd Edition* course
 - Facilitated *Unit 1, 2nd Edition*
 - Purchased and reviewed the Instructor's Guide (including the Participant's Manual)
- To familiarize myself with *Unit 2, 2nd Edition, I:*
 - Attended a *Unit 2, 2nd Edition* course
 - Purchased and reviewed the Instructor's Guide (including the Participant's Manual)
- To familiarize myself with *Unit 3, I:*
 - Attended a *Unit 3* course
 - Facilitated *Unit 3*
 - Purchased and reviewed the Instructor's Guide (including the Participant's Manual)
- To familiarize myself with *Unit 4, I:*
 - Attended a *Unit 4* course
 - Facilitated *Unit 4*
 - Purchased and reviewed the Instructor's Guide (including the Participant's Manual)
- I have earned my Certificate of Management—Building Information Modeling (CM-BIM)
- Attached is my recent curriculum vitae.

Signed Name _____

Date _____

Printed Contact Information:

Name: _____

Title: _____

Company Name: _____

Address: _____

Phone Number: _____ Fax: _____

Email Address: _____

Unit 2 Host Chapter/Organization: _____

AGC of America Staff Contact

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