

AGC OF MICHIGAN

BIM
EDUCATION
PROGRAM



BIM PROCESS, ADOPTION, AND INTEGRATION

APRIL 13, 2012

7:30 A.M. - 5:00 P.M.

AGC OF MICHIGAN

2323 N. LARCH

LANSING, MI

\$285 / MEMBER

\$342 / CIAP MEMBER

\$399 / NON-MEMBER

EARN YOUR CERTIFICATE OF MANAGEMENT (CM-BIM)

This course provides the first 8-hours of instruction in a 40-hour program developed to help you obtain AGC's Certificate of Management - Building Information Modeling (CM-BIM). The 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 please contact Viki Gotts (248.721.0075 or vgotts@agcmichigan.org)

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.

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.

BIM Process, Adoption, and Integration

BIM Process, Adoption, and Integration is a full-day 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. These tools will help establish participants as BIM champions within their organizations.

Who should attend?

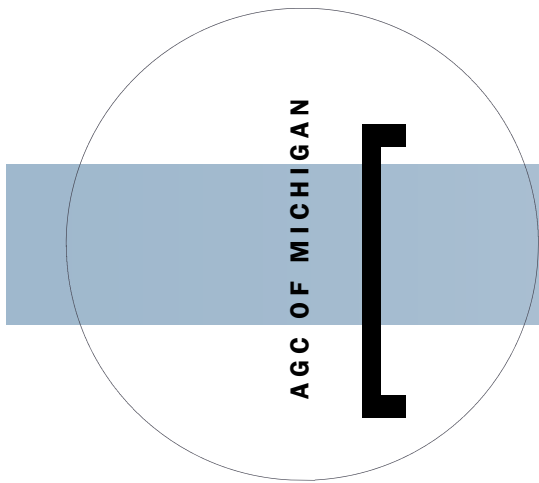
Contractors, construction managers, design professionals, owners, suppliers, service providers and professionals seeking continuing education hours.



The Associated General Contractors of America (AGC) is a Registered Provider with The American Institute of Architects Continuing Education Systems. Credit earned on completion of this program will be reported to CES Records for AIA members. Certificates of completion for non-AIA members are available on request.



The U.S. Green Building Council (USGBC) developed Leadership in Energy and Environmental Design (LEED®) Green Building Rating Systems for different applications, such as New Construction and Major Renovations, Commercial Interiors, Core and Shell, and Homes. The USGBC Education Provider Program has approved the technical and instructional quality of this course.



Course Learning Objectives

Following successful completion of this course you 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

Instructors

Steven Hunt, BIM/CAD Manager, Dee Cramer, Holly, MI

Steve began his construction career 21 years ago as a pre-apprentice in sheet metal. Since that time he has worked as a sheet metal apprentice, journeyman, detailer (CAD Drawing), estimator assistant, coordination manager, and detailing manager. Steve now serves as the BIM/CAD Manager for Dee Cramer. He has a great depth of experience in 3D coordination on more than a dozen projects including: GM Toledo Power Train, GM Fort Wayne Sequencing Addition; Sparrow Hospital, UM Kellogg Eye Center, UM Mott Women's and Children's Hospital, Fire-keepers Casino, and many others.

Arthur Theusch, LEED AP BIM Specialist, The Christman Company, Lansing, MI

Art is responsible for constructing and coordinating 3-D construction models used for estimating, scheduling, conflict resolution and facilities management purposes. He works directly with each design and client team, in conjunction with trade contractors, to implement their system-specific models into one collaborative project model. Art's understanding of the technology and skills facilitating the collaborative process of BIM helps the team resolve coordination problems prior to installation and with optimized solutions enhancing system performance in the long term. To date, Art has managed BIM services on projects totaling over \$500 million. His experience as a conceptual estimator also allows him to contribute to the cost engineering and value management aspects of a BIM project.



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COURSE SCHEDULE

Begin	End	Topic/Activity
7:30 a.m.	8:00 a.m.	Registration
8:00 a.m.	8:45 a.m.	Session 1 - Introduction to BIM Process, Adoption, and Integration
8:45a.m.	10:15 a.m.	Session 2: Project-Level BIM Implementation
10:15 a.m.	10:30 a.m.	Break
10:30 a.m.	12:30 p.m.	Session 2: Project-Level BIM Implementation (cont'd)
12:30 p.m.	1:00 p.m.	Lunch (provided)
1:00 p.m.	3:00 p.m.	Session 2: Project-Level BIM Implementation (cont'd)
3:00 p.m.	3:15 p.m.	Break
3:15 p.m.	5:00 p.m.	Session 3: Company-Level BIM Implementation

On-site Contact: Victoria Gotts, Director, Education, AGC of Michigan



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7:30 a.m. - 5:00 p.m.

Friday, April 13, 2012

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2323 N. LARCH
LANSING, MI

Registration Fee: \$385/member \$342/CIAP \$399/non-member

Registration Deadline: Friday, March 30, 2012

Please note: All cancellations must be made in writing and faxed to 517-371-1131 or e-mailed to vgotts@agcmichigan.org at least 48 hours in advance of the start of the class to obtain a refund. Substitutions are welcomed - please let us know who will be attending in your place.



Please return this registration for via e-mail to vgotts@agcmichigan.org, fax to 517-371-1131 or mail to AGC of Michigan, 26001 Five Mile Rd. Redford, MI 48239.

For more information contact Viki Gotts (vgotts@agcmichigan.org or 248-721-0075)

Company: _____

Address (non-members only): _____

Phone: (non-members only) _____ Fax (non-members only) _____

Please invoice me (members only). Fax registration - check to follow.

Check # _____ enclosed (payable to AGC Michigan)

Credit card—Account # _____ Exp. Date _____

Signature _____

Participant Name	Job Title	E-Mail Address	Amount

Total