

BIM
EDUCATION
PROGRAM



Florida East Coast Chapter

AGC BUILDING INFORMATION MODELING EDUCATION PROGRAM Register Today-Last BIM Training Opportunity for 2016

September 13, 2016 • September 27, 2016 • October 4, 2016 • October 18, 2016

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:

contact | Danielle Hartog
email | Danielle@agcfla.com
phone | (561) 833-3609
website | www.agcfla.com

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



BIM 101: An Introduction to Building Information Modeling

Dates: Tuesday, September 13, 2016
Location: AGC Florida East Coast Chapter
2617 N Australian Avenue, West Palm Beach, FL 33407

BIM 101: An Introduction to Building Information Modeling

BIM 101 is designed specifically for construction professionals eager to learn the essential concepts of BIM. The full-day (8-hour) course explains the benefits of improved visualization on a construction project through the use of 3D, 4D, and 5D models, establishes a knowledge base of BIM terminology and outlines case studies showing successful BIM implementation.

Course Sessions:

- Session 1—What Is BIM?
- Session 2—BIM Visualization Uses and Spatial Coordination
- Session 3—BIM Scheduling, Estimating, and Facility Management
- Session 4—Getting Started with BIM

Course Learning Objectives:

Following completion of BIM 101, participants will be able to:

- Recognize the importance of BIM
- Define common BIM terminology
- Discuss how BIM can be used as a communication and collaboration tools
- Explain the benefits of BIM
- Compare examples of successful BIM usage
- Discuss issues associated with starting BIM
- Create a BIM Action Plan

Course Schedule & Fees:

Unit 1: BIM 101 - Introduction to Building Information Modeling
Dates: 9/13/16
Time: 8:00am - 5:00pm with 1/2 hour lunch (*provided*)
Fees: \$325.00 member / \$450.00 non-member
Instructor: Kristopher M. Lengieza of Stiles Corporation
Cindy W. Baldwin of VDCO TECH

Please register as soon as possible, space is limited.

Kristopher M. Lengieza earned his Civil engineering degree in 2004, from Lehigh University. In 2006, he joined The Weitz Company, a top ranked national builder and helped the VDC/BIM transformation at Weitz in South Florida. He is now leading the VDC integration effort at Stiles Corporation in Ft. Lauderdale. He's been a speaker at several BIM conferences including Ecobuild and BIMForum. In 2011, Kris was recognized as one of the top 40 construction professionals under 40 (southeast and nationwide) by ENR and BD&C.

Who Should Attend?

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

BIM Technology

Date: Tuesday, September 27, 2016

Location: AGC Florida East Coast Chapter

2617 N Australian Avenue, West Palm Beach, FL 33407

BIM Technology

BIM Technology explores the major applications and classes of BIM tools across all project phases; how BIM processes for QTO, shop drawing and fabrication, and construction scheduling can improve projects; and the impact models have for improving estimating, scheduling, and coordinating. This two-day (16-hour) course is designed specifically for construction professionals to establish a solid process for selecting BIM tools and to investigate the significant impact models have for improving estimating, scheduling and coordinating.

Course Sessions:

- Session 1—BIM Technology, Capabilities, Processes, and Tools
- Session 2—Estimating/QTO, Scheduling, and Coordination

Course Learning Objectives:

- Identify at least five benefits of the BIM approach
- Explain what is meant by parametric modeling and why this benefits the BIM process
- Match specific tools with their functions
- Define the federated model process
- Describe two functions of analysis tools
- Explain a generic four-step process for creating and using a shop drawing and fabrication model
- Outline a process for estimating and scheduling
- Explain a four-step process for selecting BIM software
- Identify the major cost drivers, functionality, and characteristics of a good BIM estimating model
- Explain how to identify what project components should be modeled, and determine what level of detail is required
- Explain how 4D models are created
- Explain a five step coordinating process
- Develop the basis for a BIM Execution Plan

Course Schedule & Fees:

Unit 2: BIM Technology
Date: 9/27/2016
Time: 8:00am - 5:00pm with 1/2 hour lunch (*provided*)
Fees: \$325.00 member / \$450.00 non-member
Instructor: Kristopher M. Lengieza of Stiles Corporation
Cindy W. Baldwin of VDCO TECH

Please register as soon as possible, space is limited.

Cindy Baldwin has been with ACAI since 2003, and has 20 years of diverse project experience. Cindy was recognized by the South Florida Business Leader as a "2012 Mover & Shaker" and "2011 Women Extraordinaire" winner, and in 2010 won the SFBJ "40 Under 40" Award. Cindy is a certified general contractor, CM-BIM certified, and a LEED® AP, and is also the chair of a buildingSMART alliance™ Interest Group in Florida and serves on the National Executive Committee for bSa. An Instructor for the AGC CM-BIM Classes, Cindy was one of the first candidates to test and pass the CM-BIM exam in Florida.

Who Should Attend?

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

BIM Contract Negotiation and Risk Allocation

Date: Tuesday, October 4, 2016

Location: AGC Florida East Coast Chapter

2617 N Australian Avenue, West Palm Beach, FL 33407

BIM Contract Negotiation and Risk Allocation

BIM Contract Negotiation and Risk Allocation is a full-day (8-hour) course that examines BIM and contract terminology to determine best practices for integrating BIM into project contracts. Hot-button issues such as standard of care, intellectual property rights, and insurance and surety bonding coverage are discussed to help participants successfully prepare for BIM implementation.

It is assumed that all participants have had exposure to basic BIM concepts and terminology through attendance in *BIM 101*. This course relies on a highly participatory learning environment including activities, classroom discussions, and instructor-led discussions.

Course Sessions:

- Session 1—Introduction to BIM Contract Negotiation
- Session 2—Contract Liabilities and Standard of Care
- Session 3—BIM Execution Plan Contract Terms
- Session 4--Model Intellectual Property Rights
- Session 5--Insurance and Surety Bonding Issues
- Session 6--Risk Allocation and Management

Course Learning Objectives:

Following this course, participants will be able to:

- Explain contract liability and standards of care related to BIM
- Negotiate BIM Addendum terms for BIM Execution Plan development
- Use BIM contract negotiation to establish proactive collaborative BIM
- Identify intellectual property rights and licensing issues related to Model use
- Recognize BIM coverage limitations in existing insurance and bond products
- Devise fair risk allocation and management responsibility provisions on BIM projects

Course Schedule & Fees:

Unit 3: BIM Contract Negotiation and Risk Allocation

Date: 10/4//2016

Time: 8:00am - 5:00pm with 1/2 hour lunch (*provided*)

Fees: \$325.00 member / \$450.00 non-member

Instructor: Kristopher M. Lengieza of Stiles Corporation
Cindy W. Baldwin of VDCO TECH

Please register as soon as possible, space is limited.

Kristopher M. Lengieza earned his Civil engineering degree in 2004, from Lehigh University. In 2006, he joined The Weitz Company, a top ranked national builder and helped the VDC/BIM transformation at Weitz in South Florida. He is now leading the VDC integration effort at Stiles Corporation in Ft. Lauderdale. He's been a speaker at several BIM conferences including Ecobuild and BIMForum. In 2011, Kris was recognized as one of the top 40 construction professionals under 40 (southeast and nationwide) by ENR and BD&C.

Who Should Attend?

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

BIM Process, Adoption, and Integration

Date: Tuesday, October 18, 2016

Location: AGC Florida East Coast Chapter

2617 N Australian Avenue, West Palm Beach, FL 33407

BIM Process, Adoption, and Integration

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

Course Schedule & Fees:

Unit 4: BIM Process, Adoption, and Integration
Date: 10/18/2016
Time: 8:00am - 5:00pm with 1/2 hour lunch (*provided*)
Fees: \$325.00 member / \$450.00 non-member
Instructor: Kristopher M. Lengieza of Stiles Corporation
 Cindy W. Baldwin of VDCO TECH

Please register as soon as possible, space is limited.

Cindy Baldwin has been with ACAI since 2003, and has 20 years of diverse project experience. Cindy was recognized by the South Florida Business Leader as a "2012 Mover & Shaker" and "2011 Women Extraordinaire" winner, and in 2010 won the SFBJ "40 Under 40" Award. Cindy is a certified general contractor, CM-BIM certified, and a LEED® AP, and is also the chair of a buildingSMART alliance™ Interest Group in Florida and serves on the National Executive Committee for bSa. An Instructor for the AGC CM-BIM Classes, Cindy was one of the first candidates to test and pass the CM-BIM exam in Florida.

Who Should Attend?

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



BIM TRAINING REGISTRATION FORM

TIME: All BIM courses are held from 8:00 AM - 5:00 PM with 1/2 for lunch (*provided*)

LOCATION: All BIM courses will be held at: AGC Florida East Coast Chapter
2617 N Australian Avenue
West Palm Beach, FL 33407

SCHEDULE & FEES: (*please check applicable boxes below*)

| | | | MEMBER | NON-MEMBER |
|--------------------------|---|---|---------------|---------------|
| <input type="checkbox"/> | September 13 | Unit 1 BIM 101 - Introduction to Building Information Modeling | \$325 | \$450 |
| <input type="checkbox"/> | September 27 | Unit 2 BIM Technology | \$325 | \$450 |
| <input type="checkbox"/> | October 4 | Unit 3 BIM Contract Negotiation and Risk Allocation | \$325 | \$450 |
| <input type="checkbox"/> | October 18 | Unit 4 BIM Process, Adoption and Integration | \$325 | \$450 |
| <input type="checkbox"/> | SPECIAL! Unit 1 - 4 Sign up for all four units now and save! | | \$1200 | \$1700 |

PAYMENT: Make checks payable to: AGC Florida East Coast Chapter **TOTAL: \$** _____

REGISTRANT INFORMATION

Registrant Name: _____ Units Attending: _____

Company Name: _____

Company Contact Name & E-Mail: _____

Address: _____

Phone: _____ Registrant E-Mail: _____

MAIL TO: AGC Florida East Coast, 2617 N Australian Avenue, West Palm Beach, FL 33407
E-MAIL TO: danielle@agcfla.com
FAX TO: (561) 833-6024

[Click here to register online.](#)

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.

Questions?:

contact | Danielle Hartog
email | danielle@agcfla.com
phone | (561) 833-3609
website | www.agcfla.com

