UNIT 4: BIM ADOPTION, IMPLEMENTATION, AND ROI

November 2, 2017 * 8:00 a.m. - 5:00 p.m.
EMU Livonia, 38777 W. Six Mile Rd., Livonia

BIM Adoption, Implementation, and ROI

This the final of the four courses that comprise AGC’s Building Information Modeling Education Program. This full-day, facilitator-led course is a mix of lecture, facilitated discussion and activities and case studies. The course reviews several real-world case studies to analyze the cost, benefits and impacts of decision making. The course is divided into three sessions:

Session 1 of this unit introduces the overall course structure and describes why this unit is so relevant today. This session defines key terms and sets the stage for the rest of the course, reinforcing the practical takeaways you will learn along the way.

Session 2 examines basic BIM implementation at the project level. This session focuses on how to establish and execute the BIM process, facilitate its adoption, and achieve integration on a single project.

Session 3 explores how companies (whether single- or multi-office) can successfully execute the BIM process on multiple projects simultaneously. We will also explore any differences in the adoption or integration of the process in this broader context.

WHO SHOULD ATTEND:

Contractors, construction managers, design professionals, owners, suppliers, service providers and professionals seeking additional information about the BIM process, or those interested obtaining their CM-BIM certificate.

This course provides the final 8 hours of instruction in a 32-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.

This course is a great introduction to BIM for all individuals, those seeking certification, and those seeking general information.

Cost:

$300/AGC Member
$350/CIAP Member
$450/Non-Member
(Includes course materials/meals.)

Registration Deadline:
October 26, 2017

To register online and pay with a credit card please go to www.agcmichigan.org, enter or create login information, and select the class from Upcoming Classes. Members may elect to be invoiced by e-mailing their registration information to Viki Gotts: vgotts@agcmichigan.org.
COURSE LEARNING OBJECTIVES

Following this course, participants will be able to:

- Define adoption, implementation and return on investment.
- Describe why BIM is a disruptive practice today.
- Identify reactive and proactive BIM outcomes.
- Evaluate and select process adoption options.
- Describe the roles and responsibilities of practitioners.
- Identify consistent factors influencing BIM ROI.
- Communicate the BIM process.
- Outline a process for BIM adoption and implementation.

FOR MORE INFORMATION CONTACT:
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248-721-0075

COURSE FACILITATORS:

Steven Hunt, CM-BIM, BIM Manager & Estimating Support Manager, Dee Cramer, Holly MI, began his construction career with Dee Cramer 28 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 has great depth of experience as 3D Coordination & BIM Integrator/Lead Coordination on many projects including; Hurley Medical Center; Notre Dame Ice Arena; Motor City Casino; UM Kellogg Eye Center; UM Mott Women's and Children's Hospital, Wayne State University Marvin Danto Building, and others.

Arthur Theusch, CM-BIM Owner of Collaborative CG, Lansing, MI, is responsible for constructing and coordinating 3-D construction models used for estimating, scheduling, conflict resolution and facilities management purposes and work directly with each design and client team, in conjunction with trade contractors, to implement their system-specific models into one collaborative project model. His 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 $1 billion. His experience as a conceptual estimator also allows him to contribute to the cost engineering and value management aspects of working within a BIM project.