

Your Resource for Successful BIM Implementation
Building Information Modeling (BIM) is one of the most exciting developments
in the construction industry and is changing the way projects are built.

BIM 101: AN INTRODUCTION TO BUILDING INFORMATION MODELING **Unit One of Six BIM Certified Training Courses**

Dan Russell, Sundt Construction - Certified AGC BIM Instructor

October 27, 2009 | 7:30 - 4:30 | Sunstate Equipment

The full-day course will give participants a comprehensive overview of BIM supported by case studies to help participants comprehend each session's learning objectives. BIM 101 will introduce important concepts that will be necessary for future BIM courses.

Construction professionals benefitting from this course include building developers, owners, managers, supervisors, architects, engineers, and construction product manufacturers.

BIM 101 is the first unit in a six part series. Each unit may be taken individually. After each unit is completed, the participant will receive a certificate of completion and be registered in the AGC National Database of Education. Upon successful completion of all six units, AGC of America will Issue a Certificate of BIM Education Program Completion. Your company does not need to belong to AGC to participate in this program.

Unit One, Session 1—What Is BIM?

- Define common BIM terminology and BIM-related components
- Recognize differences between 2D CAD and 3D BIM
- Describe the evolution of BIM (past, present and future)
- Discuss how BIM is used in collaboration
- Discuss the benefits of BIM to all parties involved

Unit One, Session 2—BIM Visualization Uses and Spatial Coordination

- Recognize the basics of the modeling process and model management protocol
- Recognize BIM uses in visualization, value analysis and scope clarification
- Explain the advantages of BIM in regards to spatial coordination

Unit One, Session 3—BIM Scheduling, Estimating and Facility Management

- Recognize the advantages of BIM in scheduling and estimating
- Recognize how companies are using BIM in facility management
- Explain the benefits to and lessons learned from companies using BIM

Unit One, Session 4—Getting Started with BIM

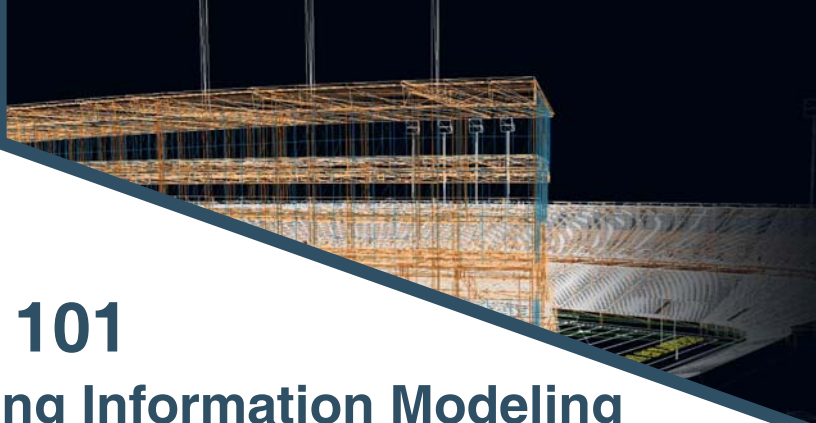
- Identify challenges for getting started with BIM
- Demonstrate a basic understanding of BIM tools
- Develop a BIM Action Plan
- Use BIM resources provided to further understanding of more advanced BIM concepts and practice



BIM 101 is an approved course to offer 8 AIA /CES Learning Units. 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.



BIM
EDUCATION
PROGRAM



**Program Details on
Reverse**

BIM 101

An Introduction to Building Information Modeling

Unit One of Six BIM Certified Training Courses

Co-sponsored by ABA & AGC AZ Chapter

Your company does not need to belong to AGC to participate in this program

Date: Tuesday, October 27, 2009

Time: 7:30 am - 4:30 pm

Location: Sunstate Equipment, 5552 East Washington, Phoenix, AZ 85034

Cost: Members, \$165 per unit / Non-Members, \$215 per unit
Cost includes class materials, continental breakfast and lunch

p 602-274-8222 f 602-274-8999 www.azbuilders.org

Registration Information | BIM 101 - Introduction

Full refunds will be made for cancellations received prior to October 9th. Substitutions allowed; no shows will be invoiced.

Name: _____ Title: _____

(Optional) AGC ID#: _____ To receive a certificate for each unit of BIM completed, participant must list AGC ID#, see below

BILLING INFORMATION

Company: _____ Address: _____

City: _____ Zip: _____

Company Contact: _____ Contact Email: _____

Company Phone: _____ Contact Fax: _____

Please select one: ABA Member AGC Member Non-Member (Must pre-pay before event)

Payment Options:

Invoice my company (ABA Members Only)

Will send a check (Remit to: ABA, Attn: BIM 101 Introduction, 1825 W Adams, Phoenix AZ 85007)

Charge my credit card Card# _____ Exp: _____ Zip: _____

Instructions for receiving an AGC ID#

You must create an AGC profile before receiving your ID#.

To create an AGC ID#, go to www.agc.org

If you use a popup blocker, make sure it is either disabled or add iweb.agc.org and agc.org to the list of allowed sites

Select "Create a Profile" found in the upper left corner of the website

Fill out your personal profile. If you're with an AGC organization, find it on the list. If not, fill out your company's information continue with your profile until "Create Account" is submitted

You will receive an email asking you to verify your information. Once you confirm, your ID# will be sent to you within 24 hrs. Please use this when registering or forward information to Susan Moore if registration has been completed already.

If you have technical issues, please contact the webmaster at webmaster@agc.org