

Agenda

*Presented by Mark Gibbons,
BIM Manager/Senior Architectural Designer at O/X Studio, Inc.*

Building Information Modeling/Revit Overview

What is building information modeling (BIM)?

The Revit User Interface

Working in Revit
Using the ribbon
Using the view window
Selecting objects
Modifying, mirroring and duplicating

Building a Model in Revit

Project setup
Revit template
Revit central and local file system
Origin, grids and levels

Creating Basic Model Elements

Walls	Floors
Ceilings	Doors
Columns	Curtain walls
Roofs	Using area and room tools

Creating Sheets

Group sheets in project browser
Create sheets and place views
Title blocks
Drawing list

Drafting

Detail group and detail component
Annotations Dimensions
Hatches

3D Views and Model Management

Perspective views and 3D views
Enscape/live rendering
Navisworks
Managing large Revit projects
Sending, receiving and archiving files

Introduction to the World of BIM and the Revit Basics

Grand Rapids, MI - Thursday, April 25, 2019



Halfmoon Education Inc.
PO Box 278
Altoona, WI 54720-0278

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Learning Objectives

You'll be able to:

Get and overview of building information modeling.

Learn about working with the Revit user interface, including the ribbon and the view window.

Create basic model elements, including walls, floors, ceilings, columns and roofs.

Create sheets and place views.

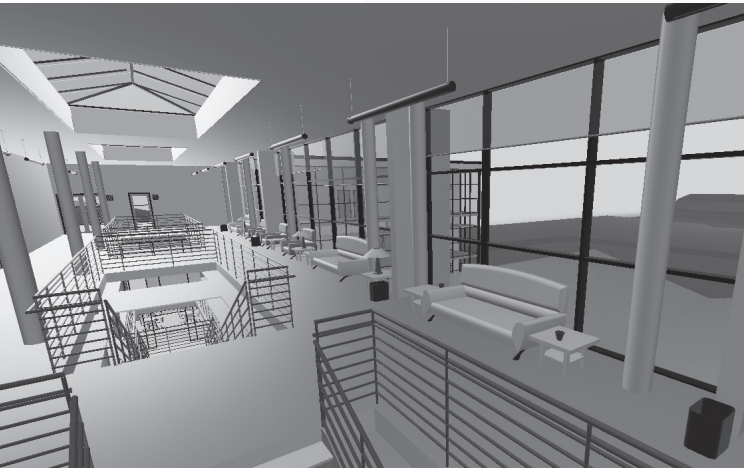
Add annotations and dimensions.

Use 3D views and manage large Revit projects.



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Understand building information modeling (BIM)

Examine the Revit user interface

Learn how to create basic model elements

Identify how to use area and room tools

Create sheets, make annotations and add dimensions

Discuss 3D views and model management

Continuing Education Credits

Professional Engineers

7.0 Continuing Ed. Hours

Architects

7.0 Michigan CE Hours*

7.0 AIA Learning Units

Contractors

Non-Credit Continuing Ed.

**See important information inside.*



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Faculty

Mark Gibbons *BIM Manager/Senior Architectural Designer at O|X Studio, Inc*

Mr. Gibbons has over 15 years of experience working in architecture offices, both large and small, and he gained experience in small business ownership through developing his own business in architectural consulting. By designing, developing construction documents and working with clients, consultants and contractors throughout a project’s lifecycle, Mr. Gibbons has gained experience with all levels of the architectural process. This experience provides him with crucial input for BIM-related development and procedures. As a BIM manager, Mr. Gibbons works with the firm’s principals to stay ahead of the technology curve and direct the firm in its continued adoption of building information modeling. Mr. Gibbons provides support, training, and assistance for staff, consultants and clients to maximize the development of all projects. He has experience as BIM manager with multiple firms throughout southeast Michigan, and also teaches Revit and BIM to faculty and students at the University of Michigan. This experience gives him a rounded approach to the best practices for helping firms work with their clients to meet a project’s fullest potential. Mr. Gibbons provides support, training, and assistance for staff, consultants and clients to maximize the development of all projects. He also organized and leads the Huron Valley BIM User Group for the Ann Arbor, Michigan, area.

Here’s what past attendees had to say about the program and presenter Mark Gibbons:

“Very informative, easy to follow & understand.” – *Architect*

“Mark was a great presenter! Very patient and amusing.” – *Project Engineer*

“The open dialogue Q&A was fantastic. Demos greatly appreciated.” – *Electrical Engineering Technician*

Seminar Information

Doubletree Grand Rapids Airport 4747 28th Street SE Grand Rapids, MI 49512 (616) 957-0100	Registration 8:00 - 8:30 am Morning Session 8:30 am - 12:15 pm	Lunch (On your own) 12:15 - 1:15 pm Afternoon Session 1:15 - 5:00 pm
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Tuition
\$289 for individual registration
\$269 for three or more simultaneous registrations.
Each registration includes a complimentary continental breakfast and printed seminar manual.
Receive a reduced tuition rate of \$101 by registering to be our on-site coordinator for the day. For availability and job description, please visit www.halfmoonseminars.org.

How to Register

- Visit us online at www.halfmoonseminars.org
- Mail-in or fax the attached form to 715-835-6066
- Call customer service at 715-835-5900

Cancellations: Cancel at least 48 hours before the start of the seminar, and receive a full tuition refund, minus a \$39 service charge for each registrant. Cancellations within 48 hours will receive a credit toward another seminar. You may also send another person to take your place.

Additional Learning

Webinar Series

National Electrical Code

- **National Electrical Code, Part I**
Wed., March 6, 2019, 11:00 AM - 3:30 PM CST
- **National Electrical Code, Part II**
Thurs., March 7, 2019, 11:00 AM - 3:30 PM CST
- **National Electrical Code, Part III**
Fri., March 8, 2019, 11:00 AM - 3:30 PM CST

Commercial Solar Peaker Batteries

- **Commercial Solar Peaker Batteries, Part I**
Wed., March 13, 2019, 11:00 AM - 3:15 PM CDT
- **Commercial Solar Peaker Batteries, Part II**
Thurs., March 14, 2019, 11:00 AM - 2:15 PM CDT

Handling Ethical Issues in Professional Engineering Practice
Fri., March 15, 2019, 11:00 AM - 12:00 PM CDT

Structural Forensic Engineering

- **Introduction to Forensic Engineering Process**
Wed., March 27, 2019, 11:00 AM - 1:00 PM CDT
- **Causes of Failures and the Forensic Engineering Report**
Wed., March 27, 2019, 1:30 - 3:30 PM CDT
- **Forensic Examination of Structures and Use in Litigation**
Thurs., March 28, 2019, 11:00 AM - 1:00 PM CDT

Foundation Damage and Repair

- **Structure Loads, Soil Mechanics, Bearing Capacity and Geo-Environmental Hazards**
Thurs., March 28, 2019, 11:00 AM - 12:30 PM CDT
- **Foundation-Wall Design and Construction**
Thurs., March 28, 2019, 1:00 - 2:30 PM CDT
- **Assessment of Foundation-Slab Damage & Repair Alternative**
Fri., March 29, 2019, 11:00 AM - 12:30 PM CDT
- **Assessment of Foundation-Retaining Wall Damage & Repair Alternatives**
Fri., March 29, 2019, 1:00 - 2:30 PM CDT

For more information and other online learning opportunities visit:
www.halfmoonseminars.org/webinars/

Continuing Education Credit Information

This seminar is open to the public and offers 7.0 continuing education hours/PDHs to professional engineers in most states, including Michigan. Educators and courses are not subject to pre-approval in Michigan.

*This course offers a continuing education opportunity to Michigan architects. It is up to each Michigan architect to determine if this course qualifies as HSW. The American Institute of Architects does not consider instruction on design software as HSW. The Michigan rules list “building design” as HSW and do not exclude design software.

This course has been approved by the American Institute of Architects for 7.0 Learning Units (Provider No. J885). Only full attendance can be reported to the AIA/CES.

HalfMoon Education is an approved continuing education sponsor for engineers in Florida, Indiana (License No. CE21700059), Maryland, New Jersey (Approval No. 24GP00000700), New York (NYSED Sponsor No. 35), North Carolina, and North Dakota. HalfMoon Education is deemed an approved continuing education sponsor for New York architects. It is the responsibility of architects in all states to be aware of limits or prohibitions on courses not considered HSW by the AIA.

This seminar offers contractors a non-credit continuing education opportunity; it has not been submitted to any state contractor licensing entity for continuing education approval.

Attendance will be monitored, and attendance certificates will be available after the seminar for most individuals who complete the entire event. Attendance certificates not available at the seminar will be mailed to participants within fifteen business days.

Registration

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How to Register	Registrant Information
Online: www.halfmoonseminars.org	Name: _____
	Company/Firm: _____
	Address: _____
	City: _____ State: _____ Zip _____
	Occupation: _____
	Email: _____
	Phone: _____
Phone: 715-835-5900	Additional Registrants:
	Name: _____
	Occupation: _____
	Email: _____
	Phone: _____
Fax: 715-835-6066	Name: _____
	Occupation: _____
	Email: _____
	Phone: _____
Mail: HalfMoon Education Inc., PO Box 278, Altoona, WI 54720-0278	Email address is required for credit card receipt, program changes, and notification of upcoming seminars and products. Your email will not be sold or transferred.
Complete the entire form. Attach duplicates if necessary.	() I need special accommodations. Please contact me.

Tuition

() **I will be attending the live seminar.** Single Registrant - **\$289.00**. Three or more registrants from the same company registering at the same time - **\$269.00** each.

Checks: Make payable to HalfMoon Education Inc.

Credit Card: *Mastercard, Visa, American Express, or Discover*

Credit Card Number: _____

Expiration Date: _____ CVV2 Code: _____

Cardholder Name: _____

Billing Address: _____

City: _____ State: _____ Zip: _____

Signature: _____

Email: _____