

Agenda

Presented by Natalie Niemann

Building Information Modeling/Revit Overview

What is building information modeling (BIM)?
Revit overview
Autodesk software 30-day free trial download
Software specifications

Using the Revit Interface

Working in Revit
The interactive ribbon
Object selection
Modify, mirror and copy

Getting Started with a Project

Project setup
Revit template
File management
Column grids and levels

Creating Basic Model Elements

Walls	Doors
Windows	Floors
Stairs	Ceilings
Curtain walls	Roofs

Adding Components and Other Features

Plumbing	Casework
Furniture	Room tags with area
Notes	Dimensions

Creating Sheets

Place views	Title blocks
Drawing list	

Drafting a 2D View

Create a view	Inserting components
Drafting tools	Notes and dimensions

Creating 3D Views

Perspective views and 3D views
3D walkthroughs
Exporting to a video file

Revit Basics of Building Modeling

Ronkonkoma, NY - Friday, November 22, 2019

NON-PROFIT
U.S. POSTAGE PAID
EAU CLAIRE, WI
PERMIT NO. 2016

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



Learning Objectives

You'll be able to:

Explain the principles and objectives of building modeling and discuss the basics of Revit.

Become comfortable working with the Revit user interface, and begin new projects in Revit.

Create basic model elements, including walls, windows, stairs, curtain walls, doors, floors, ceilings and roofs.

Add additional features, such as plumbing, casework and furniture.

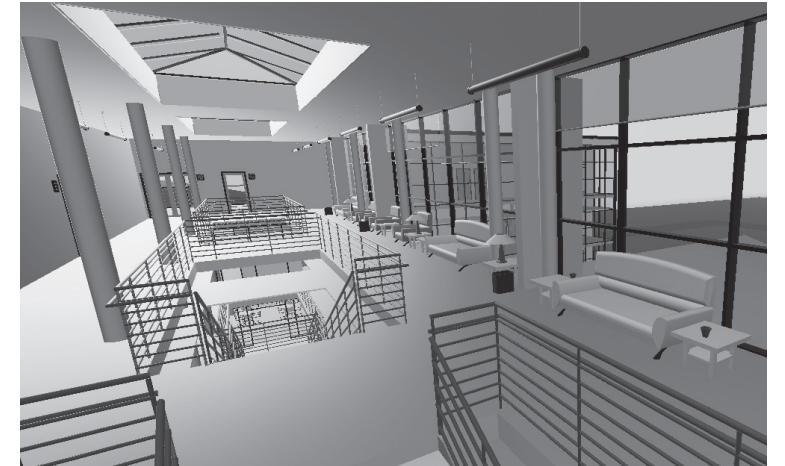
Draft 2D views of models and create 3D views and walkthroughs.



Find us on
Facebook

Revit Basics of Building Modeling

Ronkonkoma, NY - Friday, November 22, 2019



Explore building information modeling

Learn about working in Revit and using the Revit interface

Get started with a project and create basic model elements

Create walls, doors, windows, floors and roofs

Add plumbing, casework and furniture

Get tips on drafting 2D and 3D views

Continuing Education Credits

Professional Engineers

7.0 Continuing Ed. Hours

Contractors

Non-Credit Continuing Ed.

Architects

7.0 Continuing Ed. Hours

7.0 AIA LU|Elective



HalfMoon Education Inc.
WWW.HALFMOONSEMINARS.ORG

AIA
Continuing
Education
Provider

Faculty

Natalie Niemann *Registered Architect*
Ms. Niemann is an Associate Professor of Construction Technology – Architectural Technology in the Engineering Science & Industrial Technology Department at Suffolk County Community College. She received her Master of Architecture degree from State University of New York, Buffalo, and her Bachelor of Science degree in Architectural Technology from New York Institute of Technology. Ms. Niemann is also president of Niemann Architecture, P.C. She has been a licensed/registered architect since January 2007 which is the same month that she became a full-time faculty member at SCCC. In September 2012, Ms. Niemann founded Niemann Architecture, P.C. and has continued to practice in her profession while maintaining her position at the college. Most of her current professional work is residential and is located on the north and south forks of Long Island.

Seminar Information

Courtyard by Marriott Long Island MacArthur Airport 5000 Express Drive South Ronkonkoma, NY 11779 (631) 612-5000	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
--	---	---

Tuition
\$289 for individual registration
\$269 for three or more simultaneous registrations.

Included with your registration:
Complimentary continental breakfast and printed seminar manual.

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**
Tues., Oct. 22, 2019, 11:00 AM - 3:30 PM CDT
• **National Electrical Code, Part II**
Wed., Oct. 23, 2019, 11:00 AM - 3:30 PM CDT
• **National Electrical Code, Part III**
Thurs., Oct. 24, 2019, 11:00 AM - 3:30 PM CDT

Slope Stability and Landslide Prevention
• **Slope Movement and Mechanisms**
Thurs., Oct. 24, 2019, 11:00 AM - 1:00 PM CDT
• **Slope Stabilization Methods**
Thurs., Oct. 24, 2019, 1:30 - 3:00 PM CDT
• **Landslide Hazard and Risk Assessment**
Fri., Oct. 25, 2019, 11:00 AM - 12:00 PM CDT
• **Slope Stabilization and Landslide Mitigation**
Fri., Oct. 25, 2019, 12:30 - 2:30 PM CDT

HEC-RAS Webinar Series
• **Hydraulic Principles and Applications**
Tues., Oct. 29, 2019, 11:00 AM - 1:00 PM CDT
• **Working with the HEC-RAS User Interface**
Tues., Oct. 29, 2019, 1:30 - 3:00 PM CDT
• **Water Surface Profiling**
Thurs., Oct. 31, 2019, 11:00 AM - 1:00 PM CDT
• **Steady Flow Surface Profile Demonstrations**
Thurs., Oct. 31, 2019, 1:30 - 3:30 PM CDT

Distributed Batteries for Solar PV Systems
• **Distributed Batteries for Solar PV Systems, Part I**
Wed., Nov. 6, 2019, 11:00 AM - 2:15 PM CST
• **Distributed Batteries for Solar PV Systems, Part II**
Thurs., Nov. 7, 2019, 11:00 AM - 2:15 PM CST

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 up to 7.0 continuing education hours to architects and 7.0 continuing education hours/PDHs for engineers in most states, including New York. The continuing education hours for architects are not being offered as HSW.

HalfMoon Education is deemed a New York-approved continuing education provider for engineers and architects via its registration with the American Institute of Architects Continuing Education System (Regulations of the Commissioner §68.14(i)(2) and §69.6(i)(2)).

This event is approved by the American Institute of Architects Continuing Education System for 7.0 LU|Elective (Sponsor No. J885). Only full attendance is reportable to the AIA/CES. Visit www.halfmoonseminars.org to view complete AIA/CES information under this course listing.

HalfMoon Education is an approved continuing education sponsor for engineers in Florida, Indiana (License No. CE21700059), Maryland, New Jersey (Approval No. 24GP00000700), North Carolina, and North Dakota.

This event offers a non-credit continuing education opportunity to construction contractors. It is not approved by any state with a continuing education requirement for contractors.

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

Revit Basics of Building Modeling
Ronkonkoma, NY - Friday, November 22, 2019

How to Register		Registrant Information
Online: www.halfmoonseminars.org		Name: _____ Company/Firm: _____ Address: _____ City:_____State: _____ Zip_____
Phone: 715-835-5900		Occupation: _____ Email: _____ Phone: _____
Fax: 715-835-6066	Code:	Additional Registrants: Name: _____ Occupation: _____ Email: _____ Phone: _____ 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: <i>Mastercard, Visa, American Express, or Discover</i>
Credit Card Number: _____
Expiration Date: _____ CVV2 Code: _____
Cardholder Name: _____
Billing Address: _____
City:_____ State:_____ Zip: _____
Signature: _____
Email: _____