

Agenda

Presented by David Fast

Building Information Modeling/Revit Overview

- What is BIM?
- What is Revit?
- Revit overview
- Differences between Revit and AutoCAD
- What makes Revit the best tool to use?

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
- Structural
- Curtain walls
- Foundations
- Link Files
- Roofs
- Room and Area Tools

Managing Links

- Worksets
- Managing Links

Creating Sheets

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

Drafting

- Detail group and detail component
- Annotations
- Dimensions
- Hatches

3D Views and Model Management

- Perspective views and 3D views
- Navisworks
- Managing large Revit projects
- Sending, receiving and archiving files

The Bottom Line

- What a project in Revit can do for you

Revit Basics of Building Modeling

Overland Park, KS - Wednesday, April 24, 2019



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Learning Objectives

You'll be able to:

Review the differences between Revit and AutoCAD.

Learn how to start building a model in the Revit program.

Get tips on using Revit to create walls, ceilings, and floors, and explore area and room tools.

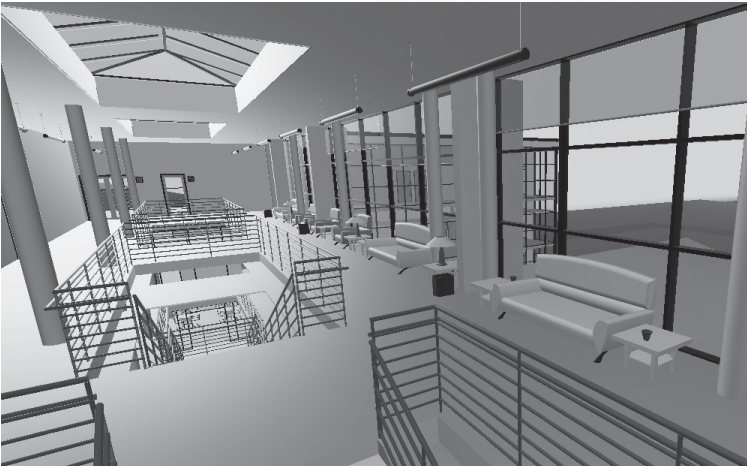
Discuss perspective views and live rendering.

Manage large Revit projects and get tips on sharing and archiving files.



Revit Basics of Building Modeling

Overland Park, KS - Wednesday, April 24, 2019



Explore building information modeling

Discuss the Revit user interface and get tips on starting building a model in Revit

Learn about creating basic model elements and sheets

Review 3D views and discuss model management

Learn what a project in Revit can do for you

Continuing Education Credits

Professional Engineers
7.0 PDHs

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Non-Credit Continuing Ed.



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Faculty

David Fast *Owner, Fast Cadd Works, Plainfield, Indiana*

Mr. Fast has 35 years of drafting and design experience in the industry. He started Fast Cadd Works in 2012 to be able implement and train companies and employees in Revit. Mr. Fast is professionally certified in AutoCAD and Revit. He has experience with numerous types of projects including medical facilities, large warehouses, sporting facilities, churches, schools, assisted living facilities, restaurants, and government buildings. Working closely with architects, engineers, and outside consultants, Mr. Fast has coordinated the details of projects of all sizes. He has been responsible for generating construction documents for every stage of the design process. He is proficient in the building information modeling (BIM) software, Revit, and has spent time training employees at firms throughout Indianapolis area on the Autodesk software.

Seminar Information

Hilton Garden Inn 5800 College Blvd. Overland Park, KS 66211 (913) 345-2661	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.

Included with your registration:
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

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

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

Continuing Education Credit Information

This seminar is open to the public and offers 7.0 PDHs/continuing education hours to engineers and architects in most states. Educators and courses are not subject to preapproval in Kansas.

This seminar is approved by the American Institute of Architects for 7.0 Learning Units (Sponsor No. J885). The AIA does not consider the subject of this seminar to be a Health, Safety and Welfare topic. Engineers and architects with HSW requirements need to determine whether this course meets HSW standards in their state(s) of licensure and to be aware of any restrictions or limitations on non-HSW coursework.Only full attendance can be reported to the AIA/CES.

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This seminar provides a non-credit continuing education opportunity to contractors. It has not been approved by any state contractor licensing board for mandated continuing education credit.

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	
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		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.	
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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.

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