

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
Columns	Curtain walls
Roofs	Using area and room tools

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
Enscape/live rendering
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
Indianapolis, IN - Wednesday, March 7, 2018



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Learning Objectives

You'll be able to:

Understand the differences between Revit and AutoCAD.

Learn how to maneuver in the Revit program including project set up and file system.

Watch demonstrations of how to create walls, ceilings, and floors, and get tips on using area and room tools.

Learn about creating sheets and place views.

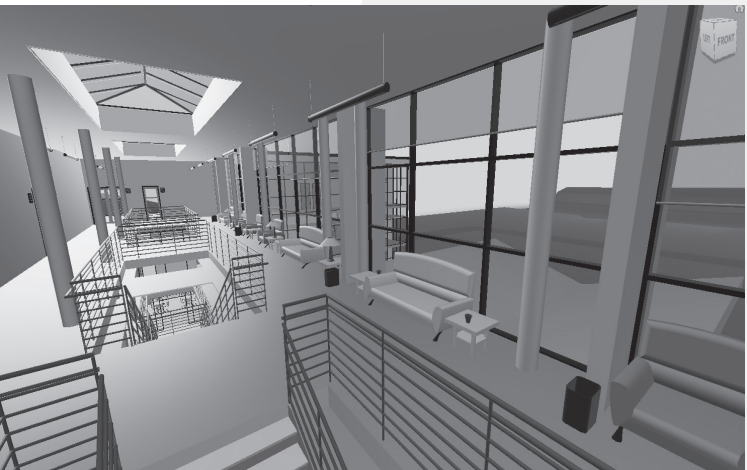
Get tips on 3D views, and learn about using Navisworks.

Manage large Revit projects and learn how to archive files.



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Explore building information modeling and Revit's role in BIM

Discuss the Revit user interface and how to build a model in Revit

Learn about how to create basic model elements and sheets

Explore 3D views and live rendering

Understand what creating a project in Revit can do for you

Continuing Education Credits

Professional Engineers

7.0 Continuing Ed. Hours

Contractors

Non-Credit Continuing Ed.

Architects

7.0 Contact Hours
7.0 AIA Learning Units



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Faculty

David Fast *Senior BIM Manager - Cooler Design, Indianapolis, Owner, Fast Cadd Works, Indianapolis*

Mr. Fast brings over 30 years of drafting experience to the industry. He started Fast Cadd Works in 2012 to be able implement and train companies and employees in Revit. Mr. Fast is presently senior BIM manager at Cooler Design Inc. and is professionally certified in AutoCAD and Revit. He has experience with numerous types of projects including large warehouses, sporting facilities, churches, schools, assisted living facilities, restaurants, and government buildings. Working closely with the 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. Mr. Fast is proficient in Revit building information modeling (BIM) software, and has spent time training employees at firms throughout Indianapolis area on Autodesk software.

Seminar Information

Indianapolis Marriott East 7202 East 21st Indianapolis, IN 46219 (317) 352-1231	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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\$279 for individual registration
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Additional Learning

Webinar Series
Deep Foundations

- **Deep Foundation Site Evaluation**
Wed., Jan. 17, 2018, 11:00 AM - 12:00 PM CST
- **Overview of Deep Foundations**
Wed., Jan. 17, 2018, 12:30 - 2:00 PM CST
- **Deep Foundation Pile Design**
Thurs., Jan. 18, 2018, 11:00 AM - 12:30 PM CST
- **Deep Foundation Installation and Testing**
Thurs., Jan. 18, 2018, 1:00 - 2:00 PM CST

Designing Solar Roofs and Community Solar

- **Design Your Solar Roof**
Wed., Jan. 24, 2018, 11:00 AM - 2:15 PM CST
- **Community Solar**
Wed., Jan. 31, 2018, 11:00 AM - 2:15 PM CST

International Mechanical Code

- **International Mechanical Code Background and Application**
Thurs., Feb. 15, 2018, 11:00 AM - 12:30 PM CST
- **Chapters 2-5: Definitions, Regulations an Ventilation**
Thurs., Feb. 15, 2018, 1:00 - 3:00 PM CST
- **Chapters 6-10: Ventilation, Appliances and Equipment**
Fri., Feb. 16, 2018, 11:00 AM - 1:00 PM CST
- **Chapters 11-15: Refrigeration, Piping and Appendices**
Fri., Feb. 16, 2018, 1:30 - 3:00 PM CST

Building Operations and Efficiency

- **Identifying Energy Efficiency Opportunities in Major Renovations**
Thurs., Feb. 1, 2018, 11:00 AM - 12:30 PM CST
- **Integration of “Energy Modeling” in the Design of High Performance Buildings**
Thurs., Feb. 1, 2018, 1:00 - 2:30 PM CST
- **High Efficiency Building Design Standards**
Fri., Feb. 2, 2018, 11:00 AM - 12:30 PM CST
- **Commissioning and Operation of High Performance Buildings**
Fri., Feb. 2, 2018, 1:00 - 3:00 PM CST

For more information 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 and 7.0 contact hours to architects in many states. HalfMoon Education is an approved continuing education provider for Indiana engineers. Architect continuing education providers and courses are not subject to preapproval in Indiana.

The American Institute of Architects has approved this course for 7.0 Learning Units (Sponsor No. J885). Only full attendance can be reported to the AIA. The AIA does not classify the content of this course as HSW. As such, architects need to be aware if non-HSW coursework is eligible for their continuing education requirements.

HalfMoon Education is deemed an approved architect continuing education sponsor in New York. HalfMoon Education is an approved, Louisiana, Maryland, New Jersey (Approval No. 24GP00000700), New York (NYSED Sponsor No. 35), North Carolina, and North Dakota.

This seminar offers a non-credit continuing education opportunity to construction contracts. It has not been approved by any contractor licensing board for 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.

Can’t Attend? Order the CD/Manual Package:
An audio recording of this seminar is available for \$289 (including shipping). Allow five weeks from the seminar date for delivery. Please refer to specific state licensing rules or certification requirements to determine if this learning method is eligible for continuing education credit.

Registration

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How to Register

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