

REVIT® 2021 LEVEL II

ADVANCED MODELING FOR ARCHITECTURE

► Length

1 Day

► Cost

\$400 per person
(Dedicated group rates available)

► Level

Intermediate / Advanced

► Prerequisites

Revit 2018-2021 Level I (or equivalent) plus 3 months continuous Revit experience, or at least 6 months continuous Revit 2018-2021 experience

► Who Can Benefit From This Class

Current Revit professionals interested in tackling more advanced topics, as well as aspiring model managers and other Revit users heavily involved in the creation of the model

► Hours

9:00am – 4:30pm EST
with an hour lunch break

► Additional Information

This class comes with a 100% Satisfaction Guarantee, provides AIA/CES Continuing Education Credits (CEU's), and each student receives a certificate of completion. Please see our website for more information.

DESCRIPTION

Creating a complete Autodesk Revit® virtual model is the foundation of any successful project and in this course, we will delve deeper into the “building” portion of BIM (Building Information Modeling). These advanced techniques will take your model to the next level, allowing a more detailed and integrated project. In this one-day, hands-on course, you can focus on specific topics and learn tips and strategies on how to effectively leverage your model for a more complete and easy to manage set of construction documents.

CONTENT

Modeling to the Next Level

Using **Profiles** and **Sweeps** to add detail to your model, including integrating these objects into your wall types
Adding articulation to your roof edge by way of **Soffits, Fasciae,** and **Gutters**
Detailing surfaces using the **Split Face** and **Paint** tools to easily add multiple materials to a single plane

Advanced Components

General **In-Place Component Family** strategies and best practices for when to use and how to create them
Alternative ways to use elements, including using tools such as **Curtain Walls** and **Sweeps** in “off label” applications

Site Tools

Learn how to generate **Topography** and edit to include various materials, building **Pads** and site elements such as **Retaining Walls, Property Lines, Parking,** and **Railings**

Phasing and Design Options

Learn about the ability of Revit to show various **Phases** of a project and how to display element correctly
Leverage **Design Options** to quickly work out design scenarios and present them clearly

Modeling for Construction

Using **Assemblies** to better group related elements into single units that can be tagged, scheduled, and detailed as one
Dividing elements into their **Parts** to independently schedule, tag, filter, and export them

LEARNING PATH

Prerequisites
Revit Level I



This Class



Future Training
Revit Level II: Advanced Detailing
Revit Level II: Families for Architecture
Dynamo for Revit Level I: Essentials