CADD MICROSYSTEMS

Revit® 2020 Level II
Advanced Detailing for Architecture

Length
1 Day

Cost
$400 per person
(Dedicated group rates available)

Level
Intermediate / Advanced

Prerequisites
Revit 2017-2020 Level I (or equivalent) plus 3 months continuous Revit experience, or at least 6 months continuous Revit 2017-2020 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 Revit® virtual model is the foundation of any successful project, but we still need to generate details and print out paper to get that project built. In this one-day, hands-on course, we focus on the best strategies to effectively detail construction documents. This includes harnessing the parametric capabilities of Revit to generate the "information" portion of BIM (Building Information Modeling).

CONTENT

Leveraging the Data In Your Model
Creating and applying the three types of Parameters: **Project**, **Shared**, and **Global**

Using the advanced features of **Schedules**: calculated values, formulas, and conditional formatting

Learn about using **Material Takeoffs**, **Note Blocks** and **Key Schedules**

Getting Details From Your Model
Using the **Linework** tool to control specific elements

Leveraging **Detail Components** to quickly apply and note repetitive elements

Creating **Keynotes** and a master keynote file to link into your model

Using the **Paint** and **Split Face** tools to provide additional material articulation to surfaces and tag these materials

Tagging and scheduling parts of an element using the **Parts** tool

Sheets and Documentation
Creating **Legends** to repeat information on multiple pages

Creating and annotating 3D views for inclusion in construction documents

Using **Dependent Views** and **Matchlines** to divide up a large building footprint across multiple sheets

Implementing **Guide Grids** to align elements across multiple sheets

Set up and apply **View Templates** and **Filters** to standardize how elements look on similar types of sheets

Learn how to document and issue **Revisions**

Work with **Titleblocks** and set up an initial view for general project information

LEARNING PATH

Prerequisites
No previous course required

This Class

Future Training
Revit Level II: Advanced Modeling
Revit Level II: Families for Architecture