

# DYNAMO FOR REVIT 2021 LEVEL II

## BEYOND THE BASICS

### ► Length

1 Day

### ► Delivery

Live, instructor-led training delivered via the web

### ► Cost

\$345 per person  
(Dedicated group rates available)

### ► Level

Revit: Intermediate / Advanced  
Dynamo: Beginner

### ► Prerequisites

Revit Level I (or equivalent), Dynamo for Revit Level I (or equivalent), or 6-12 months continuous experience

### ► Who Can Benefit From This Class

Revit users looking for ways to automate workflows and modify Revit geometry.

### ► 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 (CEUs), and each student receives a certificate of completion. Please see our website for more information.

### DESCRIPTION

This class is intended for intermediate to advanced Autodesk Revit® users who have opened Dynamo and made a few scripts.

In this class, students will learn some advance tools within Dynamo for Revit. They will understand how to access the Autodesk Revit® API to gather data not available using out of the box (OOTB) nodes. We will also cover creating input and output variable to be used with Dynamo player to allow non-dynamo users to access the benefits of dynamo scripts.

### CONTENT

#### Introduction

Exploring the interface  
Packages and Settings

#### Data Exchange

Importing and Exporting  
Excel, csv, txt

#### Lists

Modify Lists  
Sorting and Grouping  
List combine

#### Dictionaries

Introduction  
Comparison to lists

#### Revit

Selecting elements recap  
Package Nodes  
Revit API introduction

#### Custom Scripting

Python nodes  
Code Blocks  
Custom Nodes

#### Dynamo Player

Inputs  
Output  
Tips and Tricks

### LEARNING PATH

**Prerequisites**  
Revit Level I  
Dynamo for Revit Level I



**This Class**



**Future Training**  
Revit Level II: Advanced Detailing  
Revit Level II: Advanced Modeling  
Revit Level II: Families