

# DYNAMO FOR REVIT 2021 LEVEL I

## GEOMETRY AND DATA MANIPULATION

### ► Length

3 Hours

### ► Cost

\$200 per person  
(Dedicated group rates available)

### ► Level

Revit: Intermediate / Advanced  
Dynamo: Beginner / Intermediate

### ► Prerequisites

Revit Level I (or equivalent) or 6-12 months continuous experience  
Dynamo Core Level I - Essentials

### ► Who Can Benefit From This Class

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

### ► Hours

9:00am – 12:00pm ET or  
1:30pm - 4:30pm ET

### ► 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 an interest in learning about the visual programming language, Dynamo.

In this class, students will learn the basics of Dynamo for Revit, understand how to create and modify Dynamo scripts, and gain the skills needed to automate tasks and modify geometry in Autodesk Revit®.

### CONTENT

#### Introduction

Exploring the interface

#### Building Blocks

Watch  
Code blocks as shorthand  
Groups & notes

#### Dynamo Geometry

Vectors  
Points  
Moving

#### Lists

Lacing  
Manipulation

#### Revit

Accessing elements  
Getting parameter data  
Setting parameter data  
Creating Family Instance elements

#### Dynamo Player

Player types  
Running scripts

### LEARNING PATH

#### Prerequisites

Revit Level I  
Dynamo for Revit  
Level I



#### This Class



#### Future Training

Dynamo for Revit Level II: Data Transfer with Microsoft Excel  
Dynamo for Revit Level III: Custom Scripting and Packages