

# evolveconsultancy

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approved ND

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## TRAINING SYLLABUS

### DYNAMO FUNDAMENTALS

no. of delegates Up to 6 maximum.

description This course covers the Dynamo for Revit environment and its functionalities to work in a bi-directional fashion on parametric geometry.

prerequisites Completion of the full Revit course.

objectives This course aim to provide a practical understanding of how to operate the Dynamo environment and making use of the fundamental functions to generate and control geometry in Revit:

1. INTRODUCTION
  - What is Dynamo
  - Why use Dynamo
  - Dynamo primer
  - Dynamo versions
  - Custom packages
  - Python for Dynamo
2. USER INTERFACE
  - Opening Dynamo
  - Workspace
  - The Library palette
  - Searching for nodes
3. VIEW CONTROL
  - Zoom and pan
  - Navigating scripts (Graph View)
  - Navigating output (3D Preview)
4. INTRODUCTION TO NODES
  - Number
  - Points
  - Slider
5. NODE SELECTION AND MANIPULATION
  - Renaming
  - Deleting
  - Aligning and cleaning Node Layout
  - Entering data
  - Data flow
6. NODES FOR SIMPLE GEOMETRY
  - Arc
  - Curve
  - Line
  - Surface
7. DATA TYPES
  - Data/Object Type
  - Numbers
  - Strings
  - Logic & Booleans
8. IMPORTING DATA FROM EXCEL TO REVIT