

Autodesk® Revit MEP Advanced

Brief Synopsis of Class Contents:

Geared specifically for the MEP disciplines, this class will advance the user's abilities in Revit far beyond what is covered in an initial Revit Mechanical, Plumbing or Electrical Fundamentals class to provide extensive instruction in the creation of custom 3D families to allow for the development of custom content following industry best practices.

Learning Objectives:

- Understand the Family Creation Process
- Use Reference Planes and Work Planes for 3D Modeling using 3D solids and voids
- Use Dimension parameters to control geometry
- Use non-dimensional parameters for BIM data
- Work with connectors to give intelligence to the family
- Create Family Types

Courseware:

N/A

Number of Days:

2 Half Day Sessions

Continuing Education Hours:

7 hours

Who Should Attend:

Users of Revit MEP with a good understanding and proficiency with Revit fundamental tools.

Prerequisites:

Revit Fundamentals training for MEP Engineering or equivalent experience/proficiency.

System and Software Requirements:

<http://www.asti.com/LiveLab-Learning-and-Training/LiveLab-System-Requirements>

FAQs and Cancellation Policy:

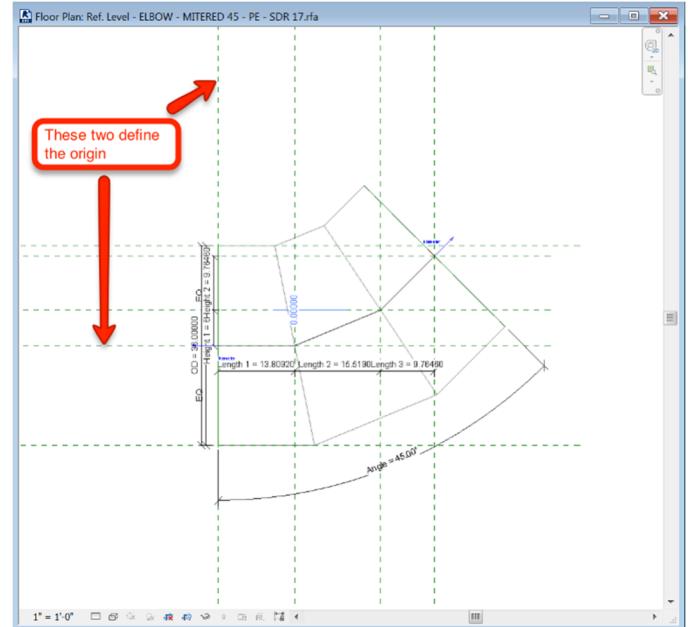
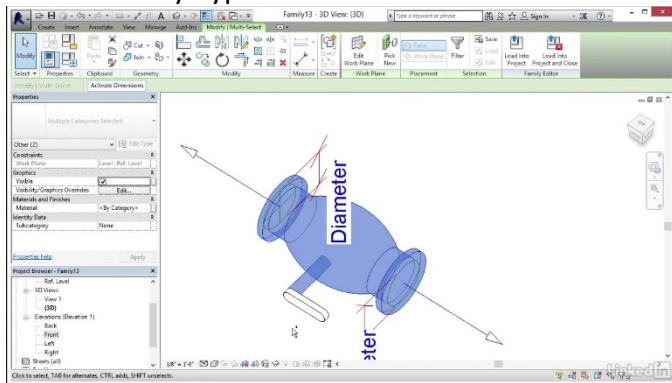
<http://www.asti.com/LiveLab-Learning-and-Training/LiveLab-FAQS>



Class Outline and Topics:

3D Family Concepts

- Family templates
- Modeling tools
- Parameters
- Family Types



3D Family Modeling Workflow

- Reference Planes and Work Planes
- Dimension Parameters and Constraints
- Flexing the family
- Solids and Voids
- Non-Dimensional Parameters
- Working with Connectors
- Family Types
- Nested Families

