



Curriculum Of Revit MEP

INTRODUCTION TO BIM AND AUTODESK REVIT

- BIM and Autodesk Revit
- Overview of the Interface
- Starting Projects
- Viewing Commands

BASIC SKETCHING AND MODIFY TOOLS

- Using General Sketching Tools
- Inserting Components
- Selecting and Editing Elements
- Working with Basic Modify Tools
- Working with Additional Modify Tools

STARTING SYSTEMS PROJECTS

- Linking and Importing CAD Files
- Linking in Revit Models
- Setting Up Levels
- Copying and Monitoring Elements
- Coordinating Linked Models
- Batch Copying Fixtures

WORKING WITH VIEWS

- Modifying the View Display
- Duplicating Views
- Adding Callout Views
- Creating Elevations and Sections

SETTING UP SPACES

- Preparing a Model for Spaces
- Adding Spaces
- Working with Spaces

HEATING AND COOLING LOADS ANALYSIS

- Creating Zones
- Applying Color Schemes
- Analyzing the Heating and Cooling Loads

BASIC SYSTEM TOOLS

- Connecting Components
- Creating Systems- Overview

HVAC NETWORKS

- Adding Mechanical Equipment and Air Terminals
- Adding Ducts and Pipes
- Modifying Ducts and Pipes

PLUMBING NETWORKS

- Adding Plumbing Fixtures and Equipment
- Adding Plumbing Pipes
- Modifying Plumbing Pipes
- Adding Fire Protection Networks

ADVANCED SYSTEMS FOR HVAC AND PLUMBING

- Creating and Modifying Systems
- Creating Automatic Layouts
- Testing Systems

ELECTRICAL SYSTEMS

- About Electrical Systems
- Placing Electrical Components
- Creating Electrical Circuits
- Setting up Panel Schedules
- Adding Cable Trays and Conduit
- Testing Electrical Layouts

CREATING CONSTRUCTION DOCUMENTS

- Setting Up Sheets
- Placing and Modifying Views on Sheets
- Printing Sheets

ANNOTATING CONSTRUCTION DOCUMENTS

- Working with Dimensions



Curriculum Of Revit MEP

- Working with Text
- Adding Detail Lines and Symbols
- Creating Legends

ADDING TAGS AND SCHEDULES

- Adding Tags
- Working with Schedules

CREATING DETAILS

- Setting Up Detail Views
- Adding Detail Components
- Annotating Detail