

# outline

**COURSE TITLE: REVIT ARCHITECTURE FUNDAMENTAL 2019**

## **Chapter 1 Introduction to BIM and Autodesk Revit**

- 1.1 BIM and Autodesk Revit
- 1.2 Overview of the Interface
- 1.3 Starting Project
- 1.4 Viewing Commands

## **Chapter 2 Basic Drawing and Modify Tools**

- 2.1 Using General Drawing Tools
- 2.2 Editing Elements
- 2.3 Working with Basic Modify Tools
- 2.4 Working with Additional Modify Tools

## **Chapter 3 Setting up Levels and Grids**

- 3.1 Setting up levels
- 3.2 Creating grids
- 3.3 Adding columns
- 3.4 Linking and importing CAD Files

## **Chapter 4 Modelling walls**

- 4.1 Modelling walls
- 4.2 Modifying walls

## **Chapter 5 Working with doors and windows**

- 5.1 Inserting Doors and windows
- 5.2 Loading Door and window types from the library
- 5.3 Creating Additional Door and Window sizes

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## **Chapter 6 Working with curtain walls**

- 6.1 Creating curtain walls
- 6.2 Adding curtain grids
- 6.3 Working with curtain wall panels
- 6.4 Attaching mullions to curtain grids

## **Chapter 7 Working with Views**

- 7.1 Setting the View Display
- 7.2 Duplication Views
- 7.3 Adding Callouts Views
- 7.4 Elevations and Sections

## **Chapter 8 Adding components**

- 8.1 Adding components
- 8.2 Modifying components

## **Chapter 9 Modelling Floors**

- 9.1 Modelling Floors
- 9.2 Creating Shaft Openings
- 9.3 Creating Sloped Floors

## **Chapter 10 Modelling ceiling**

- 10.1 Modelling ceilings
- 10.2 Adding ceiling Fixtures
- 10.3 Creating ceiling soffits

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## **Chapter 11 Modelling roofs**

- 11.1 Modelling roofs
- 11.2 Creating roofs by footprint
- 11.3 Creating roofs by extrusion

## **Chapter 12 Modelling stairs, railings and ramps**

- 12.1 Creating component stairs
- 12.2 Modifying component stairs
- 12.3 Working with railings
- 12.4 Sketching customs stairs

## **Chapter 13 Creating Construction Document**

- 13.1 Setting up sheets
- 13.2 Placing and modifying views on sheets
- 13.3 Printing sheets

## **Chapter 14 Creating Details**

- 14.1 Working with Dimension
- 14.2 Working with text
- 14.3 Adding detail lines and symbols
- 14.4 Creating legends

## **Chapter 15 Adding Tags and Scheduling**

- 15.1 Adding tags
- 15.2 Adding Rooms and tags
- 15.3 Working with Schedules

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## Chapter 16 Create Details

- 16.1 Setting up details views
- 16.2 Adding details components
- 16.3 Annotating details
- 16.4 Keynoting and keynote legends

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