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Revit Architecture Course Curriculum

Lesson 1

Introduction
Creating Walls and Drawing Walls
Overview of the Revit Interface

Lesson 2

Creating Walls and Drawing Walls
Overview of the Revit Interface

Lesson 3

Floors,
Placing Doors and Windows
Elevation

Lesson 4

Edit Profile and Edit Boundary

Lesson 5

Setting Up Levels
Making a Multi-Story Building

Lesson 6

Adding Skirting to walls
Sweep and Reveals
Profile

Lesson 7

Wall Sweep and Reveals 2

Lesson 8

Roof by foot print
Simple Roof
Roof Slope
Gable Roof
Setting Up a Roof Plan

Lesson 9

Curtain Wall
Store front
Glazed Wall
Adding Curtain Grids

Lesson 10

How to Make Louvers
Profile
Attaching Mullions to Curtain Grids

Lesson 11

Components
Ceiling
Adding Ceiling Fixtures
Adding Furniture and Fixtures to a Project
Materials
Basic Rendering

Lesson 12

Family Creation
Extrude
Blend
Revolve
Sweep
Void

Lesson 13

Reference Planes and Work Planes
How to Make Table with Parameters

Lesson 14

Work Planes
How to make a Wall Cupboard

Lesson 15

How to Make Sink

Lesson 16

Designed Table

Lesson 17

Stairs
Adding and Modifying Railings

Lesson 18

Spiral Stairs
Adding and Modifying Railings

Lesson 19

Stairs by Sketch

Lesson 20

RAMP

Lesson 21

Wall, Floor Structure and Materials

Lesson 22

Roof - Fascia, Gutter and Soffit

Cleaning Up Wall and Roof Intersections

Lesson 23

Classic Windows Frame Family Creation

Creating Custom Windows

Lesson 24

Windows Family Creation

Place Windows in the Corner of a Wall

Lesson 25

Creating Custom Doors

How to make a door family Open and close in different angles

Lesson 26

Topo Surface – 1

Property Lines and Building Pads

Modifying Topo surfaces

Creating Roofs by Extrusion

Lesson 27

Topo Surface – 2

Creating Sloped Floors

Lesson 28

Masses

Lesson 29

Conceptual Mass

Rendering

Lesson 30

Wall Design - Case work

Lesson 31

Assembled Stair

Risers

Treads

Adding Custom Posts

Creating Custom Railings

Lesson 32

Lights
Working with Lighting

Lesson 33

Family - Types as Different Parameters

Lesson 34

Creating a Hanging Chair

Lesson 35

Windows Curtain

Lesson 36

Wall based Fish Tank

Lesson 37

Walkthroughs
Rendering

Lesson 38

Model in Place

Lesson 39

Grids and Columns

Lesson 40

Make Architecture Columns and Place in a House Model

Lesson 41

Roof Tile - Part 1 (Make a Roof Tile)

Lesson 42

Placing Roof Tiles - Part 2

Lesson 43

Opening - Shaft, Wall and Dormer

Lesson 44

Rooms, Room Separator, Schedules and Quantities
Building Information Modeling
Creating Material Takeoff Schedules

Lesson 45

Creating Title blocks
Creating Sheets
Placing and Modifying Views on Sheets
Printing Sheets
Export to Auto CAD