



Menu

The Complete Beginner's Guide to Autodesk Revit Architecture

If you are completely new to **Autodesk Revit Architecture**, you've come to the right place to get yourself up to speed. The BIMscape YouTube Channel contains a full (82 Unit) video course covering all the fundamentals. You can use the links below to easily access each video in turn. A [premium version](#) of this course is available and offers the following benefits:

- Course delivered via the **BIMscape LMS (Learning Management System)**. Keep track of your progress each time you log in.
- The Premium version of the course comes complete with a [300+ page Ebook](#).
- [Personal Forum Support](#) for any questions you may have as you undertake the training.
- Videos are streamed from **Vimeo Pro** in 720P HD, with no adverts.
- [6 Month Membership](#) of BIMscape is included with the course. Take the course *as many times as you like* while you are a Member.

[View the Premium version of this course](#)

If you wish to just take the free course, please **use the links below** to open each respective **YouTube video** in your browser. To stay up to date with any **changes to this course** (as well of news of **new courses, special offers**, etc), [subscribe to the free newsletter](#).

Enjoy the Course!

Ref.	Module / Unit Title	What you will learn	Resources

1.00	MODULE 1: Introduction		MODULE 1
1.01	Welcome to the Course	An introduction to this free Autodesk Revit Architecture video course	Read Article
1.02	What is Revit Architecture?	Learn what Autodesk Revit is and how it relates to BIM	Read Article
2.00	MODULE 2: Interface & Navigation		MODULE 2
2.01	The Launch Screen	Learn about Revit's Launch Screen and how to access recent projects, etc	Watch Video
2.02	The Ribbon Menu	We take a look at Revit's Ribbon Menu layout including Panels	Watch Video
2.03	The Properties Palette	Learn about the Properties Panel and how it is central to the use of Revit	Watch Video
2.04	The Project Browser	Learn to navigate your model & project assets using the Project Browser	Watch Video
2.05	The Drawing Area	Learn about active views and their view-specific controls (scale, crops, etc)	Watch Video
2.06	2D Navigation	Learn to navigate your 2D model views	Watch Video
2.07	3D Navigation	Learn how to navigate your model in 3D	Watch Video
3.00	MODULE 3: Key Concepts		MODULE 3
3.01	It's all about Parameters	Learn about the use of Parameters in Autodesk Revit	Watch Video
3.02	Instance & Type Parameters	Learn the difference between Instance and Type parameters	Watch Video
3.03	Model vs Detail Elements	Learn the difference between 3D model and 2D detail elements	Watch Video
3.04	Levels	Learn what Revit Levels are, how to	Watch

		create them and how they are used	Video
3.05	Views and how they relate to Levels	Learn about the relationship between Levels and Views in Revit	Watch Video
3.06	Reference Planes	Learn what Revit's Reference Planes are and why you would use them	Watch Video
3.07	Drawing Aids	Learn how use Revit's drawing aids to increase your modelling efficiency	Watch Video
3.08	Structural Grids	Learn how to create and modify Structural Grids	Watch Video
3.09	Projects, Templates & Families	Learn the difference between Revit's Project, Template and Family file formats	Watch Video
4.00	MODULE 4: 3D Model Elements		MODULE 4
4.01	Walls	Learn how to create Revit Wall elements	Watch Video
4.02	Wall Openings	Learn different techniques for creating openings in your Revit Wall elements	Watch Video
4.03	Doors & Windows	Learn how to place Door and Window Components into your Walls	Watch Video
4.04	Curtain Walls	Learn how to create a Revit Curtain Wall from scratch	Watch Video
4.05	Floors	Learn how to create Floor elements for your model	Watch Video
4.06	Creating Sloped Floors	Learn how to create slopes within your Floor elements (eg for shower gullies)	Watch Video
4.07	Shaft Openings	Create Shaft Openings that automatically create openings in floors & roofs	Watch Video
4.08	Ceilings	Learn how to create both plain and grid-based ceiling elements	Watch Video

4.09	Adding Fixture to Ceilings	Learn how to add fixtures (lights, sprinklers, etc) to your ceiling elements	Watch Video
4.10	Roofs: Roof by Footprint	Learn how to create Roof elements by defining their footprint and slope.	Watch Video
4.11	Roofs: Roof by Extrusion	Learn how to create complex roofs by sketching their section profile	Watch Video
4.12	Stairs: Stair by Component	Create Stair Assemblies by use of Stair Components (Runs, Landing, etc)	Watch Video
4.13	Stairs: Stair by Sketch	Create complex Stair assemblies by sketching Riser & Boundary lines	Watch Video
4.14	Railings	Learn how to create Railings on Stairs, Ramps and along a sketched path	Watch Video
4.15	Ramps	Learn how to create Ramps, including intermediate landings	Watch Video
4.16	Columns	Learn how to create both Architectural & Structural Columns	Watch Video
4.17	Model Lines & Model text	Add 3D text and Lines to your model	Watch Video
4.18	Components	Learn how to load 3rd party Components into your projects	Watch Video
5.00	MODULE 5: Editing & Modifying Elements		MODULE 5
5.01	Selecting & Filtering Elements	Learn to create Selection Sets in order to pick just what you need to	Watch Video
5.02	Moving Elements	Learn different methods of moving your elements within your project	Watch Video
5.03	Copying Elements	Learn how to copy your elements, creating both single & multiple instances	Watch Video
5.04	Rotating Elements	Learn how to rotate your elements, including moving the pivot point	Watch Video

5.05	Mirroring Elements	Learn to mirror your elements- by use of an existing or sketched plane	Watch Video
5.06	Arrays (Linear and Radial)	Learn to create both Linear and Radial Arrays from a single element	Watch Video
5.07	Aligning Elements	Learn how to align both single and multiple elements	Watch Video
5.08	Splitting Elements	Learn how to split linear elements- including adding a joint gap	Watch Video
5.09	Trimming & Extending Elements	Learn how to trim and / or extend linear elements (walls, etc) to a plane	Watch Video
5.10	Offsetting Elements	Learn how to offset Walls and Lines by 'graphical' or set-distance methods	Watch Video
5.11	Pinning Elements	Learn to pin elements in place to stop accidental movement or deletion	Watch Video
6.00	MODULE 6: Creating Views		MODULE 6
6.01	Duplicating Views	Learn 3 different methods of duplicating your views	Watch Video
6.02	Elevations	Learn how to create and control (internal and external) elevations	Watch Video
6.03	Sections	Learn to create Section view of your model	Watch Video
6.04	Callouts	Learn how to create Callout views to better explain the detail in your model	Watch Video
6.05	Drafting Views	Learn what Drafting Views are used for and how to create them	Watch Video
6.06	The Default 3D View	Learn how to work with Revit's Default 3D View	Watch Video
6.07	Camera Views	Learn to create Camera Views including changing Camera & Target height	Watch Video
6.08	Legend Views	Learn what Revit's Legend Views are	Watch

		and how to create them	Video
6.09	Section Boxes	Learn how to create a 3D cutaway section view of part of your model	Watch Video
6.10	Schedules	Learn to create complex Schedules of any Components used in your model	Watch Video
7.00	MODULE 7: Graphics & Visibility Settings		MODULE 7
7.01	View Scales	Learn how to change the Scale of any model view	Watch Video
7.02	Detail Levels	Learn about Revit's three Levels of Detail and how to control them	Watch Video
7.03	Visual Styles	Learn how to change and control the look of individual model views	Watch Video
7.04	Crop Regions	Learn to Crop part of your model view to just show what you need to	Watch Video
7.05	Hide / Override Graphics in View	Learn how to modify the appearance of elements / categories within a View	Watch Video
7.06	Reveal Hidden Elements	Learn how to find elements that have been hidden within a specific view	Watch Video
7.07	Temporary Hide / Isolate	Use the Temporary Hide / Isolate tools to simplify complex working views	Watch Video
7.08	Visibility / Graphic Overrides	Learn to control the appearance of each view by applying Graphic Overrides	Watch Video
7.09	View Templates	Create & use View Templates to maintain a consistent graphical standard	Watch Video
7.10	View Properties	Learn to control the key Properties for any model view	Watch Video
7.11	View Range	Control exactly what you see in Plan and Reflected Ceiling Plan Views	Watch Video

8.00	MODULE 8: Annotation & Detailing		MODULE 8
8.01	Dimensions	Learn all about Revit's various Dimension tools (linear, radial, etc)	Watch Video
8.02	Text	Add Text elements to your views, including Leader lines	Watch Video
8.03	Detail Lines	Create and add 2D Detail Lines to your views	Watch Video
8.04	Symbols	Learn about Revit's 2D Symbol Families and how they are used	Watch Video
8.05	Detail Components	Learn to speed up your detailing by use of Revit's 2D Detail Components	Watch Video
8.06	Repeating Details	Learn to create Repeating Details for brickwork sections, roof tiles, etc	Watch Video
8.07	Filled Regions	Learn to create new Filled Region Types and apply them to your Views	Watch Video
8.08	Rooms	Learn how to add Revit Room elements and use them to store room data	Watch Video
8.09	Tags	Use Tags to automatically display parametric information next to elements	Watch Video
9.00	MODULE 9: Bonus Topics		MODULE 9
9.01	Phases	Learn to use Revit Phasing for 'Existing & Proposed' building projects	Watch Video
9.02	Design Options	Explore different configuration and design using Revit's Design Options tool	Watch Video
9.03	Working with CAD Files	Learn to Import / Link DWG files and use them as a template for your model	Watch Video
9.04	Placing Views onto	Learn how to place your finished	Watch

	Sheets	project views onto Sheets, ready to print	Video
9.05	Printing	Learn how to print single / multiple Views and Sheets	Watch Video

