

Technical Education Services

Autodesk® Revit® Architecture Site and Structural Design



Course Length: 1 day

The main purpose of the Autodesk® Revit® Architecture software is to design buildings: walls, doors, floors, roofs, and stairs. However, architects also frequently need to add site and structural information. This training guide covers the elements and tools in the Autodesk Revit Architecture software that are used to create topographic surfaces for site work and to add structural elements.

For Site, students learn how to:

- Create topographic surfaces
- Add property lines and building pads
- Modify toposurfaces with subregions, splitting surfaces and grading the regions
- Annotate site plans and add site components
- Work with Shared Coordinates

For Structural, students learn how to:

- Create structural grids and add columns
- Add foundation walls and footings
- Add beams and beam systems
- Create framing elevations and add braces

For the current course
schedule and to register
for this course:

Web: redstack.com.au

Phone: 1300 667 263



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Prerequisites:

Students should be comfortable with the fundamentals of the Autodesk Revit Architecture software as taught in the Autodesk Revit Architecture Fundamentals training guide and have knowledge of basic techniques taught in this guide.

Information on the Autodesk® Revit® Structure software, which is optimized for structural engineering, is covered in a separate training guide.

Table of Contents

Chapter 1: Site Design

- Creating Topographical Surfaces
- Property Lines and Building Pads
- Modifying Toposurfaces
- Annotating Site Plans
- Site Components
- Shared Positioning

Chapter 2: Structural Tools

- Structural Basics
- Foundation Plans
- Framing Plans and Beams
- Framing Elevations and Braces

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Cancellation Policy

The following cancellation policy shall apply to all training and consulting engagements including customised training solutions:

Redstack reserves the right to reschedule or cancel the date, time and location of its class at any time. In the event that a Training Class is cancelled by Redstack, Customer is entitled to a full refund. Redstack shall not be responsible for any other loss incurred by Customer as a result of a cancellation or reschedule.

For Customer cancellations when written notice is received (i) at least ten (10) business days in advance of the class, Customer is entitled to a full refund of its payment or reschedule enrolment, (ii) less than ten (10) business days, Customer shall not be entitled to a refund, but shall receive a class credit to be used within three (3) months of the date of the original class.

Student substitutions are acceptable with at least two (2) days prior notice to the class, provided substitution meets course prerequisites and is approved by Redstack

For all Training orders, cancellation notices must be submitted in writing. Redstack is not responsible for any error in the delivery of the email notice. In the event of any reschedule of any training or consulting services by Customer, Redstack will invoice Customer for all non-cancellable travel expenses.

For more information, contact us on 1300 667 263.