

## Training :

# Revit<sup>®</sup> Structure essentials

## Course Description

This hands-on course covers the practicalities of using Revit Structure from schematic design through to construction documentation. Students will be introduced to the concepts of Building Information Modeling and the tools for parametric design and documentation. There is a strong emphasis on the practicalities of producing construction documentation as well as best practice techniques.

## Prerequisites

Architectural design, drafting or engineering experience is highly recommended. You should be familiar with modern Windows environments (Win2k, WinXP). Be sure to come prepared to discover the new possibilities that Revit and Building Information Modeling will open up to you.

## Course Content

### Day 1

- Understand BIM
- Understand Parametrics
- The Interface
- Viewing the Building Model
- Working with Building Elements
- Starting a Project
- Working with Levels and Imported Backgrounds
- Working with Grids and Structural Columns
- Getting Started with Structural Walls
- Working with Structural Walls
- Working with Wall Elevations and Sections

### Day 2

- Floor Framing

- Working with Roofs, Structural Steel Frames, Sloped Beams, Floor Decks, Foundation Slabs and Slabs on Grade
- Creating Stairs, Ramps, and Elevator Pits
- Analytical Models
- Checking for Analytical Consistencies
- Analyzing and Updating the Model with RISA, Robot Millenium & Etabs

### Day 3

- Annotation & Detailing
- Using Schedules
- Working in Teams
- Creating Plan Annotations
- Working with Tags, Legends, Dimensions & Symbols
- Working with Schedules

## Duration

3 days | 9am to 5pm

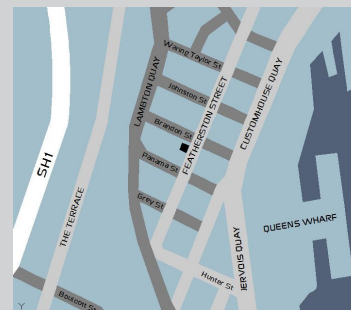
## Enrolment

To enroll in this course, please complete a registration form and send it back to us.

Registration forms can be downloaded from our web site:  
[training.caduceus.co.nz](http://training.caduceus.co.nz)

## Price

\$1,395.00 + GST per person.  
Lunch + am + pm tea provided.



## For further information

Contact:

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Please note that specifications and pricing given are subject to change without notice. Please visit our website for the latest pricing and course schedules.

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