

Training :

Revit[®] MEP essentials

Course Description

This hands-on, instructor lead course is designed for MEP engineering professionals and will give you a practical understanding of the major features of Revit MEP and how to start using them productively.

The course follows the Autodesk Official Training Courseware. There is an added focus on the practicalities of using Revit in your current environment so that you can complete your first job as efficiently as possible. Further training or self-paced learning will be required to be a fully competent user of Revit MEP.

Prerequisites

Students should have a working knowledge of MEP engineering and design.

Course Objectives

After completing this course, you will be able to:

- Describe Building Information Modeling methodology.
- Use the Revit MEP user interface and work with different types of Revit elements and families.
- Understand how a building is modeled and controlled using Levels, Grids and constraints.
- Use the Wall, Floor, Ceiling & Roof tools to define Spaces.
- Use Windows and Curtain Walls
- Explore views in the Project Browser, control the visibility and appearance of elements in different views, and create and modify section, elevation, and 3D views.
- Add and work with titleblocks, create and modify sheets, and specify print options and print documentation sets.
- Set up a project using different templates, define discipline settings, import and edit DWG™ details, and link Revit models.
- Check and fix interference conditions and monitor changes in files of other disciplines linked to Revit MEP.
- Represent volumes using spaces, create zones, and analyze an analytical model for building performance analysis.
- Define heating and cooling loads information and calculate heating and cooling loads.
- Create HVAC systems, generate HVAC system layouts, and create and modify ductwork using Revit MEP tools.
- Lay out and create system piping.
- Create plumbing systems.
- Create fire protection systems.
- Create electrical circuits and wiring.
- Create callout views, create and use detail views, and work with drafting views.
- Use the 2D drafting tools
- Work with text and tags, dimensions, and schedules and create legends with notes, annotation symbols, and model elements.

Duration

3 days | 9am to 5pm

Enrolment

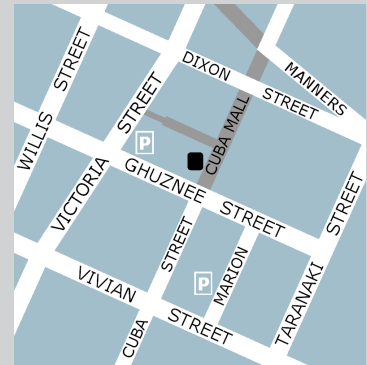
To enroll in this course, please complete a registration form and send it back to us.

Registration forms can be downloaded from our web site:

training.caduceus.co.nz

Price

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



For further information

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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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