

Advanced Revit *for Mechanical, Electrical, Plumbing*

Training course outline

Autodesk Revit MEP software is a Building Information Modelling (BIM) solution for mechanical, electrical and plumbing engineers.

This course teaches how to use Revit's advanced features and tools relevant to MEP.



Course summary

Teaches how to use Revit's advanced features and tools used by mechanical, electrical and plumbing engineers as part of the design, analysis and documentation of building systems projects. The topics covered on this course include:

- Setting model for services.
- Environmental analysis.
- Creating ductwork systems.
- Creating pipework.
- Creating electrical systems.

Duration

Two days.

Who should attend?

Mechanical, electrical and plumbing engineers who want to take their use of Revit to the next level, learning to use Revit's advanced features and becoming more productive.

Delegates should have attended *Revit Essentials* training or be familiar with the skills taught in this course through other means.

General information

Armada is an Autodesk authorised Training Centre (ATC). Our *Advanced Revit for Mechanical, Electrical, Plumbing* course is accredited by Autodesk.

Revit courses are hosted by Autodesk Certified Trainers (ACTs) with vast experience of using Revit in industry.

Whilst attending training, delegates have the use of a computer running licensed Revit software to practice the techniques taught. Refreshments and lunch are also provided.

Course fees can be paid by cheque, electronic transfer or credit/debit card.

Courseware and certificate

Delegates receive:

- Autodesk Official Training Guides, the most comprehensive Revit training materials available.
- An e-certificate from Autodesk confirming attendance on an accredited Revit course.

Location, course dates and price

Scheduled (public) *Advanced Revit for Mechanical, Electrical, Plumbing* courses are typically run quarterly. For location details, forthcoming dates and prices, see armada.co.uk/revit-training-course.

After course support

Following Revit training, delegates are entitled to 30 days email support from their trainer to help with any post-course issues.

Course syllabus

See over.

Course syllabus

Topics	Sub-topics
Getting started	General introduction Defining discipline settings View control
Working with architects and engineers	Linking Revit models Monitoring changes in linked files Checking and fixing interference conditions
Environmental analysis	Analytical spaces Representing volumes Creating zones Calculating heating and cooling loads
HVAC systems	Creating HVAC systems Generating HVAC system Layouts Creating and modifying ductwork
Piping systems	Creating system piping
Electrical systems	Inserting electrical items Creating electrical circuits Creating wiring
Annotations and schedules	Working with text and tags Creating legends Working with schedules