

# Revit Fire Suppression Design

## Training course outline

Revit provides engineers with the essential tools for designing 3D fire sprinkler networks.

This course focuses specifically on the techniques required to design such networks.



### Course summary

Teaches best practices for fire sprinkler network design in Revit. Sessions include:

- BIM
- Revit basics
- Starting a new project
- Starting Revit MEP projects
- Spaces and zones
- Sprinkler systems
- Wired systems
- Tags and schedules
- Annotating construction documents
- MEP content
- Generating fabrication reports (component lists) and other output.

### Duration

Two days.

### Who should attend?

Newcomers to Revit who want to use the application specifically for designing fire sprinkler networks.

We also offer Revit fire suppression design training to existing users of Revit. The time you save by skipping the general sessions is spent learning to create more complex content to incorporate into your designs.

### Prerequisites

No prior Revit, BIM or 3D modelling knowledge is required.

### In-class or live online

You can attend in-person at our centres, or participate live online from your place of work or home.

To read about our approach to online training, see [armada.co.uk/liveonline](http://armada.co.uk/liveonline).

### General information

Armada is a long-standing Autodesk authorised Training Centre (ATC), and our courses are accredited by Autodesk.

Courses are hosted by Autodesk Certified Instructors (ACIs) with vast experience of using the application professionally.

Whilst attending training at our centres, you'll have the use of a computer running licensed software to practice the techniques taught.

Refreshments and lunch are provided.

Course fees can be paid by card or bank transfer. We accept purchase orders from UK-registered companies and public sector organisations.

### Course materials and certificate

You'll receive:

- A comprehensive training guide and practice files.
- An e-certificate confirming successful completion of an accredited *Revit Fire Suppression Design* course.

### Method of delivery

Training is designed for the busy professional, being short and intensive and combining lecture and demonstration. Practical exercises carried out under guidance help you learn the techniques taught.

You have ample opportunity to discuss specific requirements with the trainer.

### After course support

Following training, you're entitled to 30 days' email support from your trainer.

### Further information

See [armada.co.uk/course/revitfiresuppression](http://armada.co.uk/course/revitfiresuppression).

### Course syllabus

See over.

# Course syllabus

Topics	Sub-topics
<b>BIM</b>	Introduction to Building Information Modelling (BIM)
<b>Revit basics</b>	Exploring Revit's user interface Working with Revit elements and families
<b>Starting a new project</b>	Setting up a project Setting up view templates Defining discipline settings Importing DWG details Linking a Revit model Coordinating linked projects Adding and modifying levels Creating and modifying grids
<b>Starting Revit MEP projects</b>	Linking projects Copying and monitoring elements Setting up and modifying levels
<b>Spaces and zones</b>	Creating spaces Creating zones and colour schemes

Topics	Sub-topics
<b>Sprinkler systems</b>	About sprinkler systems Manual system creation Automatic system creation
<b>Wired systems</b>	About electrical systems Placing components Creating circuits Cable Trays
<b>Tags and schedules</b>	Adding tags Creating schedules Modifying schedules
<b>Annotating construction documents</b>	Adding detail lines and symbols Adding pipe legends
<b>MEP content</b>	Creating a simple parametric family
<b>Output</b>	Generating system fabrication reports (component lists) Adding views to sheets Modifying views Printing sheets Exporting content to CAD formats