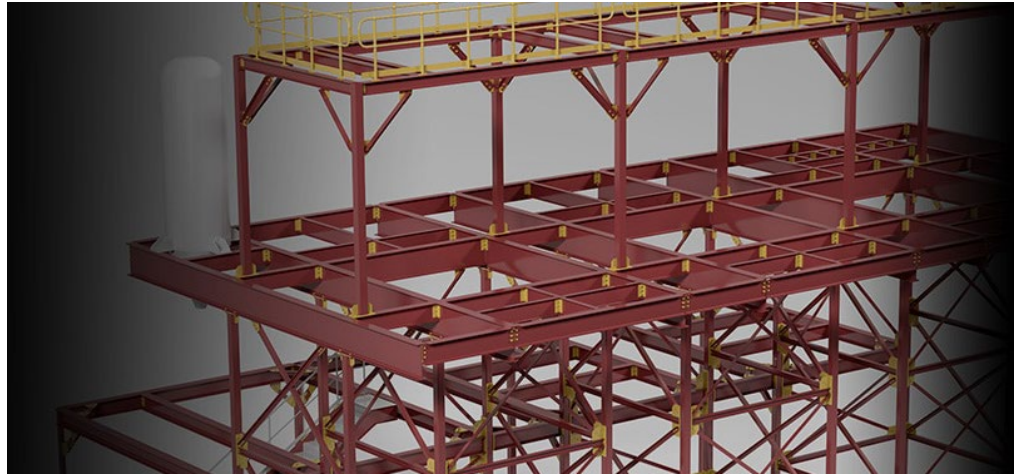# Advance Steel Advanced
Training course outline

Course for existing Advance Steel users who want to make use of the application's more advanced features.

Course summary

Teaches the use of advanced functionality, to make the most of the application.

Sessions include:

- Techniques for improved efficiency.
- Advanced drawing techniques.
- Advanced plates.
- Connection Elements.
- Customising drawings.
- Advanced lists.
- More structural elements.
- Exporting and importing.

Duration

Two days.

Prerequisites

You should have good working knowledge of Advance Steel, i.e. be familiar with the topics taught in our *Advance Steel Essentials* course (see armada.co.uk/advsteel/syllabus).

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.

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 *Advance Steel Advanced* 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/advsteeladv.

Course syllabus

See over.

Course syllabus

Session	Topics
Techniques for improved efficiency	Setting defaults to speed up drawings
	Creating custom views
	Shortcuts for getting around the model
	Viewing sections on the model
Advanced drawing techniques	Working with drawing levels
	Isolating parts of the structure
	Using object filters
	The Project Explorer and Model Browser
Advanced plates	Splitting and merging plates
	Creating more complex plates
	Using other objects to create plates
	Folded plates
Connection Elements	Adjusting connection settings
	Custom connections
	Manual weld and drilling
	Gratings and contours

Session	Topics
Customising drawings	Excluding elements from drawings
	Choosing view visibility on drawings
	Customising drawing frame and title blocks
	Tailoring drawing numbering or naming
	Creating custom Drawing Processes
Advanced lists	Custom (Branded) Bills of Materials (BOMs)
	Custom Bolt schedules
	Creating templates for lists
	Extracting data for BOMs
More structural elements	Portal frame buildings
	Spiral staircases
	Cage ladders
Exporting and importing	File formats for importing
	Exporting 3D views
	Rendering high quality images of the model

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