# ADVANCE STEEL BEGINNERS COURSE

**Your learning needs are at the heart of what we do.**

By FourSquare Training

# Introduction to Advance Steel Training Course for Beginners Topics & Outline: Two-Day Course

We specialise in delivering flexible training programmes and the actual course content, topics and syllabus taught may vary depending upon your learning requirements.

## Module 1: Getting Started with Advance Steel

1. Introduction to beams, plates, connections and structures
2. Navigating The Advance Steel user interface
3. Ribbon tabs
4. Working with Advance Steel tools
5. Working with Advance Steel palettes
6. Getting to Know the file and folder structure Building grids
7. Understanding The User Coordinate System (UCS)

## Module 2: Working with Viewing Tools

1. Changing viewpoints and visual styles
2. Navigating your model using a mouse
3. Understanding layers in Advance Steel

## Module 3: Working with Beams and Columns

1. Introduction to Beam features
2. Drawing beams individually and using macros
3. Cutting and shaping your beams
4. Working with Notch contours

## Module 4: Working with Plates

1. Creating plates of different types and shapes
2. Working with Flat plates
3. Working with Folded plates
4. Chamfers

## Module 5: Working with Connection Elements

1. Working with Bolts
2. Working with Holes
3. Working with Welds

## Module 6: Working with Lists

1. Working with Bills of Materials (BOMs)
2. Working with Loading lists
3. Bolt schedules

1. Printing your Drawings.
2. Working with views using Viewports.
3. Understanding Model and Paper space and using them to produce details and scrap sections.

**Module 7: Working with Drawings**

1. Locating points in the Drawing Window
2. Drawing generation
3. Parts
4. Assemblies
5. Drawing manipulation (adding branded elements to your drawings)

**Module 8: Understanding AutoCAD Layers**

1. What are AutoCAD Layers and why are they important?
2. Introduction to Layer properties and Layer states.
3. Organising your objects into Layers.
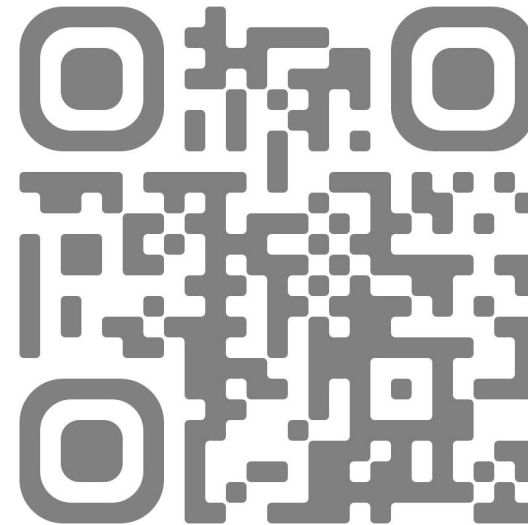4. Moving, merging, copying, deleting, VPI-ing and Walking Layers.

**Module 9: Working with AutoCAD 2D Drawing Dimensions**

1. On this module you will learn a variety of techniques for dimension manipulation, dimension modification and setting up dimension styles.

**Module 10: Saving and Printing AutoCAD Drawings**

Scan the QR Code for more course information: