

Johannesburg:
+27 10 595 2535
training@modena.co.za

Durban:
+27 31 312 9273
debbie@modenadurban.co.za

Cape Town:
+27 21 794 0702
cedelle@modenatechnologies.com



Revit for structural engineering. Streamline projects, from design concept to fabrication, with Revit Building Information Modeling software. Improve installation accuracy and constructability by connecting your structural design to the detailed model.

COURSE DURATION	CPD ACCREDITATION
3 Days	ECSA: 3 Credits

COURSE OBJECTIVES

The Advance Steel software is a powerful tool accelerating steel designs, detailing, fabrication, and Autodesk Revit software is a powerful Building Information Modeling (BIM) program that works the way structural draughtsmen think. The program streamlines the design process by using a central 3D model, where changes made in one view update across all views and on the printable sheets. The main objective of Modena's Revit Structure Fundamentals Training is to give participants a basic understanding of the techniques and tools required to create and detail structural designs using Revit Structure.

PREREQUISITES

- Note: This course is designed for those using Revit Structure with a Windows operating system and is not designed for Revit Structure for Mac.
- Access to the 2024 version of the software, to ensure compatibility with this course. Future software updates that are released by Autodesk may include changes that are not reflected in this course. The practices and files included with this course are not compatible with prior versions.
- A working knowledge of basic design/drafting procedures and terminology.
- A working knowledge of your operating system.

TOPICS COVERED

- Introduction to Revit
- Starting a Structural Project
- Working with Views
- Revit Families
- Basic Sketching and Modify Tools
- Adding Columns
- Foundations
- Structural Framing
- Adding Structural Slabs
- Structural Reinforcement
- Creating Construction Documents
- Working with Annotations
- Adding Tags and Schedules
- Creating Details



RECEIVE THE FOLLOWING WHEN ATTENDING A COURSE AT MODENA:

- Autodesk Certificate of attendance
- ECSA CPD Recognition

EXAMS AND CERTIFICATIONS:

- Autodesk Certified Professional in Revit for Structural Design

WHO SHOULD ATTEND

Structural Engineers, Technologist, Technicians, Detailers and Draughtsmen