

ProSteel V8i MicroStation 3D Modeling Fundamentals

Products Covered: ProSteel

Target Audience: Architect; Architectural Designer; Architectural Engineer; Structural Designer; Structural Engineer; Structural Engineering Technician

Course Description:

Through a series hands-on exercises, this course teaches the student the features of the ProSteel application to give them the ability to create a detailed structural model in 3D. Additional emphasis on 2D drawing production, including detail styles, mark numbering, generating and updating drawings and viewport flattening, enable the student to produce deliverables for all model structures.

At the end of the course students will be able to:

Learning Objectives:

- Understand all files and folders
 - Set up all measurements and global settings
 - Use all ProSteel object tools for insertion, views and modification
 - Create ACIS and pure AutoCAD drawings
 - Perform collision detection
-

Course Topics:

- Files and folder structure
 - Pre-drawing setup including Units, measurement and global settings, display/area class, part families /descriptions and templates
 - Workframe and shape insertion for building a basic model
 - ProSteel Tools including isometric views, workframe and manual views, hide, move, copy, UCS, etc.
 - Plates and Drilling
 - Modification tools for shapes, plates, coping templates, primitives and Boolean
 - Bill of materials and adding special parts
 - Additional tools for creating User, Rowa, Compi and Weld Shape
 - Creating ACIS and pure AutoCAD drawings
 - Collision detection, COG and Unfold
-

Course Details:

Course Prerequisites: Microstation 2D/3D experience

Learning Units: 24