MICRODESK

Autodesk Advance Steel – Project Manager

Autodesk Advance Steel (AS) is a stand-alone application that is ran on top of the familiar AutoCAD platform. It is specifically designed for completing structural steel detailing. This structural engineering software application supports the Building Information Modeling (BIM) process for engineers, drafters, detailers, fabricators and contractors. With Advance Steel, we can speed up delivery and increase the BIM efficiency of a structural steel project. Drafting steel members, the creation of steel connections, modeling miscellaneous steel and generating shop drawings, erection drawings as well as CNC files is all possible with this tool.

After completing this course, students will have an understanding on how to complete these tasks within AS.

Who should attend?

This is a beginner-level course for Project Manager within the structural engineering, drafting and detailing industries who are presently using any type of CAD-based software, including AutoCAD, Revit, Civil 3D or Plant 3D.

Prerequisites

Students should possess an understanding of Structural Steel Systems. There are no required prerequisites for this course. However, to get the most from this course, students should also have structural design and drafting experience and be comfortable working in a Microsoft Windows (7, 8.1 or 10) environment.

Questions?

Please call us at 800-336-3375 and ask to speak to our Training Coordinator.

Note:

To receive your certification of completion from Autodesk for this course you must complete the online evaluation form at http://atcevaluation.autodesk.com/

Course Outline

Working with Advance Steel (AS)

- Introduction to AS and BIM implementation
- Overview of User Interface
- The Project Explorer
- Management Tools
- UCS

Building Modeling

- Modeling Beams and Columns
- Connections

Miscellaneous Metals

- Modeling Stairs
- Modeling Handrails

Documentation

- Part Numbering
- Single Part Shop Drawings
- Multipart Assembly Drawings
- Erection Drawings