



Autodesk Inventor iLogic Course

2 Day Course

Who Should Attend?

This course has been created for Design engineers with little or no programming expertise. However, users with programming experience will find this course useful to streamline or automate their design process and achieve a lot more in Inventor.

Delegates should have completed an Autodesk Inventor entry-level course (such as our Autodesk Inventor for New Users course).

Objectives

The Autodesk Inventor iLogic course is designed to effectuate active user involvement in Rule-based Design, using Inventor iLogic. Considered the next evolution of parametric design, this Rule-based Design add-on is a simple way of recording and reusing engineering concepts and knowledge while creating parts and assemblies. The course is designed to take design engineers to the next level of productivity by automating the design process, while creating parts or assemblies using Inventor iLogic. In this course, users will be taught to simplify design processes by creating rules to: use Excel sheets to input values; suppress and activate features; trigger rules based on events such as file open/close, parameter change, etc.; create intelligent parametric iLogic components for use in assemblies, and select drawing views, and many more. The course also addresses the addition of forms that can be created using iLogic.

Agenda

Note: We normally train on the latest version.

During the course delegates will cover:

Agenda Topics:

- iLogic functionality overview
- iLogic workflow overview
- Review of model and user-defined parameters, and equations and their importance in iLogic
- Understanding the iLogic interface components (iLogic Panel, Edit Rule dialog box, and iLogic Browser)
- Rule creation workflow for Inventor parts and assemblies
- Using variations of conditional statements in an iLogic rule
- Accessing and incorporating the various function types into an iLogic part, assembly, or drawing file rule
- Event Triggers and iTriggers
- Creating Forms to create a custom user interface for an iLogic rule

The above may be varied to suit client's preferences and requirements.

Qualifications

On completion of the course you will be presented with an Autodesk Authorised Training Certificate.



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