

Autodesk Inventor iLogic

Course Description

This course will teach you how to use the iLogic functionality that exists in the Autodesk Inventor software. You will learn how to use iLogic to automate Autodesk Inventor designs and how iLogic functionality furthers the use of parameters in a model by adding an additional layer of intelligence. By setting criteria in the form of established rules, you will learn to capture design intent, enabling you to automate the design workflow to meet various design scenarios in part, assembly, and drawing files.



Prerequisites

The course assumes a mastery of Autodesk Inventor basics as taught in Autodesk Inventor Introduction to Solid Modelling. Autodesk Inventor Advanced Part and Assembly Modelling is also highly recommended, plus an understanding of MS-Windows.



Topics Include

- ❖ iLogic functionality overview
- ❖ iLogic workflow overview
- ❖ Review of model and user-defined parameters, and equations in iLogic
- ❖ Understanding the iLogic interface components (Panel, Edit Rule and Browser)
- ❖ Rule creation workflow for Inventor parts and assemblies
- ❖ Using variations of conditional statements in an iLogic rule
- ❖ Incorporating 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

Course Duration: 2 Days

Next Step: Advanced Assembly Modelling