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## TRAINING LOCATIONS

**Synergis EduCast**Virtual
Online

**Quakertown** 18 South 5th Street Quakertown, PA 18951



## **Autodesk Inventor - iLogic Essentials**

Course Description: This course teaches how to use the iLogic functionality to automate designs and further the use of parameters in a model by adding an additional layer of intelligence in Autodesk Inventor. It covers how to set criteria in the form of established rules, how to capture design intent, and how to automate the design workflow to meet various design scenarios in part, assembly, and drawing files.

**Prerequisites:** Completion of Autodesk Inventor Essentials Training or equivalent Inventor experience

Programming experience is an asset when using advanced functions, but not required.

Length: 2 days

Times: 8:30 AM - 4:30 PM

PDH Credit Hours: 13 hours

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## **Representative Topics**

- iLogic functionality and workflow overview
- Understanding iLogic interface components (iLogic panel, Edit Rule dialog box, iLogic browser)
- Using variations of conditional statements in an iLogic rule
- Event Triggers and iTriggers

- Review of model and user-defined parameters and equations
- Rule creation workflow for Autodesk Inventor parts and assemblies
- Accessing and incorporating the various function types into an iLogic part, assembly, or drawing file rule
- Creating Forms to create a custom user interface for an iLogic rule

The suggested course duration is a guideline. Course topics and duration may be modified by the instructor based upon the knowledge and skill level of the course participants. Cancellation/Rescheduling Fee of 25% of the Daily Rate per Student will be assessed for anyone canceling or rescheduling a Synergis Training Class without at least 14 days notice. If applicable, the Cancellation or Rescheduling Fee will be invoiced to you automatically. Classes are confirmed based on the number of students registered and therefore cancellations and rescheduling of classes may affect other customers. Please be sure that you can attend the class dates for which you are registering when you submit your order.