

**KB101 – KBEWorks Engineer**

**Objectives :** This course will teach you how to automate your design process and create new product configurations.

**Who can benefit :** Designers using SolidWorks who have to automate a design process.

**Prerequisites :** Have a good working knowledge of SolidWorks 2010 and the Windows operating system.

**Course outline:**

Day 1 :

- Introduction
- File management
- Part automation
- Creating a project
- Capture of dimensions and features
- Editing captures
- Building a new part
- Changing the scale
- Adding a capture
- Validating input data
- Controlling captures with input data
- Editing input data
- Controlling file names
- Controlling part material

- Controlling feature capture
- Controlling SolidWorks properties
- Quote configuration
- Development report
- Exercises

Day 2 :

- Assembly automation
- Project and item creation
- Using the “choice” property
- Modifying subassemblies
- Modifying a subassembly part
- Generating a BOM in Excel
- Using table values
- Exercises

**Language:** English

**Duration :** 1 day

**Date :** call

**Price :** call

**KB102 Advanced Automation with KBEWorks**

**Objectives** : This course will address advanced KBEWorks automation topics.

**Who can benefit** : Designers using SolidWorks who have to automate a design process.

**Prerequisites** : You have successfully followed course KB101 or a good understanding of KBEWorks.

**Course outline:**

- Automation with symmetry features
- Using different types of repetition features
- Writing complex rules
- Executing SolidWorks Macros
- Controlling and managing SolidWorks configurations
- Exercises

**Language** : English

**Duration** : 1 day

**Date** : call

**Price** : call

**KB103 Using Databases with KBEWorks**

**Objectives** : This course will show you how to exchange data between KBEWorks and external databases such as Access and MS SQL.

**Who can benefit** : Those who need to read or write data stored in Databases that is necessary to their design automation.

**Prerequisites** : You have successfully followed course KB101 and a good understanding of Access or SQL.

**Course outline:**

- Communication with KBEWorks
- Configuration the BOM
- Communication with a SQL database
- Communicating with an Access database
- Communicating with an Excel Spreadsheet
- Communication with an ERP
- Installation and configuration of the communication tool
- Using communication tools
- Exercises

**Language** : English

**Duration** : 1 day

**Date** : call

**Price** : call

### **KB104 Installing and managing the KBE Server**

**Objectives** : Learn how to install and manage the KBE Server and Users Forms that allow end users to configure products.

**Who can benefit** : IT managers and those who manage KBEWorks.

**Prerequisites** : You have successfully followed course KB101 or a good understanding of KBEWorks.

#### **Course outline:**

- Installation and configuration of modules
- Installation and configuration of the SQL database
- Server administration
  - Creating a user
  - Creating categories
  - Creating products
  - Creation User Forms
  - Server maintenance
- Using configurations and the server
- Quote configuration
- Generation production and development reports
- Exercises

**Language** : English

**Duration** : 1 day

**Date** : call

**Price** : call