



CATIA V5 TRAINING – DESIGN AUTOMATION

Who should attend:

Engineer and designer

Duration:

1 day

Methodology:

Practical hands-on by
using CATIA software

Prerequisite:

CATIA Fundamental

Introduction

DESIGN AUTOMATION TRAINING provides you how to embed knowledge within your designs and leverage it to automate modifications. You will also learn how to create and store the interactive features and then to reuse and adapt them to a new context.

It also provide you on how to build up the design knowledge, store it in the Rule Bases and leverage it across the company to ensure design compliance with establish standards. You will also learn how to optimize your designs by formulating and solving an optimization problem, considering the constraints and conditions involved in the problem.

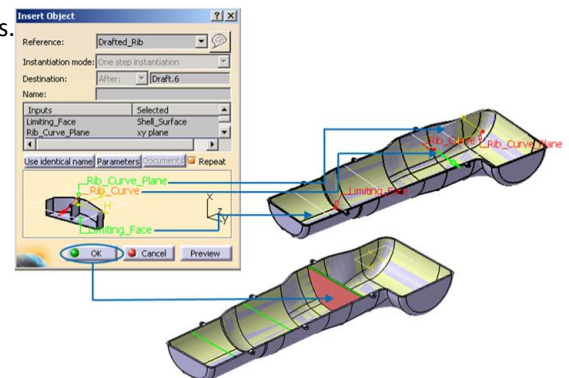
Objectives:

- Create and use parametric parts and assemblies without help. You will also have an idea about how collaborative work affects your knowledge features.
- Become familiar with the Knowledgeware working environment, how it can be accessed, the terminology that will be used and the Settings.
- Become familiar with the basic Knowledgeware Concepts such as Parameters, Formulas and Design Tables.
- Share parameters between documents and how to reuse relations developed by other people Create Solids from surfaces

Content:

Introduction to Knowledge Tools

- What is CATIA Knowledgeware?
- Accessing Knowledge Tools.
- Creating user parameters and formulas.
- Creating Powercopies.
- Collaborative Work and Knowledge.



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