ASSEMBLY CONCEPTION

Course Code	EDU-CAT-ASD
Version et Release	CATIA V5R19, V5R20, V6R2012
Duration	2 days
Prerequisite	Experience in mechanical drawing

Course Description

This course goes beyond the basic functions of the Assembly Design module, and makes it possible to join together elements (body, under-assembly) in one product and add all the necessary parameter settings so that it is ready for animation and drafting.

Proficiency Target

The scope of this course is to control the assembly functions while respecting the constraints applied so that the assembled product is functional according to a specific design.

General Objective

The student will be able to familiarize himself/herself with the Assembly Design module and to apply its functions to create an assembly and to analyze it for animation and 2D drafting.

Course Outline

- Introduction to the Assembly Design Module
- Access to the Assembly Design Module
- Definitions: Component, Product, Part
- Product Structure tools
- Displacement
- Constraints
- Functions of assembly