

GENERATIVE DRAFTING

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

Course Description

This course was conceived to learn the powerful functionalities of the drafting module, namely knowing how to define a trace of the drawing, to explain how to generate different types of views for individual parts or 3D assemblies, and to illustrate other functionalities of this module.

Proficiency Target

The scope of this course is to generate 2D drawings from a part or 3D assembly, and adding dimensions, annotations, and the necessary view parameters.

General Objective

The student will be able to generate projections, views and dimensions of the shapes making up the 3D part, allowing a good communication between the drafter and the other people intervening in the industrialization or use of the 3D part in order to limit the conflicts resulting from bad communication.

Course Outline

- Creation of the various types of views
- Quotation and preparation of the various views.
- Drafting modifications
- Multi model drawings and assembly drawings
- Management of exploded views of assembly
- Automatic creation of nomenclatures
- Setup of nomenclature bubbles
- Creation of symbols and annotations

