

WIREFRAME & SURFACE

Course Code	EDU-CAT-WS1
Version et Release	CATIA V5R19, V5R20, V6R2012
Duration	2 days
Prerequisite	Experience in mechanical drawing

Course Description

This course is a complement of CATIA part design which makes it possible to create wireframe and surface designs and to enrich the design of 3D machine elements. The module Wireframe and Surface can be used in conjunction with associated products such as CATIA Part Design, CATIA Assembly Design and CATIA Generative Drafting.

Proficiency Target

The scope of this course is to create, edit and manipulate wireframe and surface components.

General Objective

The student will be able to use a very powerful tool enabling him to create wireframe and surface components, to convert them in solid 3D parts, or associate them to already existing solid parts.

Course Outline

- Terminology of the functions of Wireframe & Surface
- Surface modeling techniques
- Creation of wireframe geometries
- Creation of simple and complex surface bodies
- Execution of the operations on wireframe and surface geometries
- Surface work in the "Part Design" Module