



# CATIA V5 TRAINING – DPM ASSEMBLY

## Who should attend:

Engineer and designer

## Duration:

3 days

## Methodology:

Practical hands-on by  
using CATIA software

## Introduction:

This course will teach you how to create simulations for an Assembly Project used in a stand-alone mode using a task-based approach. You will learn the commands, options, and menus within the context of completing a design task with the help of case studies illustrating these processes.

## .Objective:

- Create the working environment
- Create the process plan
- Create and enhance the simulation
- Analyze movement
- Create output files
- Conduct tool validation

## Contents:

### Create the Working Environment

Create the Environment  
Create the Process  
Create the Simulation

### Enhance the Simulation

Create Annotations  
Create Viewpoint Activities  
Create Visibility Activities  
Create Pause and Delay Activities

### Analyze the Simulation

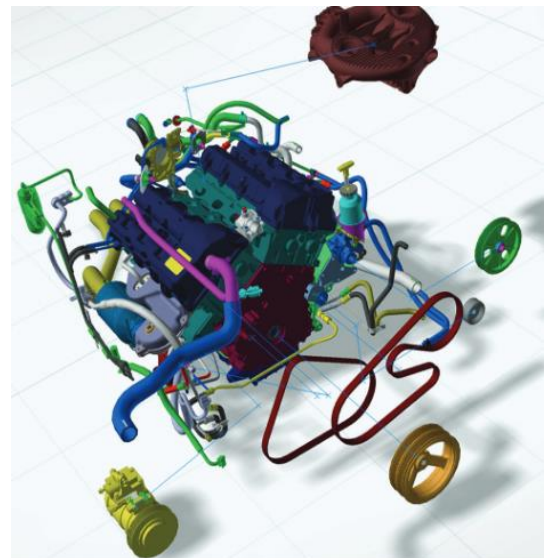
Conduct Collision Analysis  
Conduct Distance, Band and Bind Analyses  
Conduct Sectioning Analysis  
Determine Swept Volume  
Conduct Measure Analysis  
Use the Gantt chart

### Create Output Files

Create AVIs  
Create HTML Documentation

### Conduct Tool Validation

Conduct Validation with Clash  
Create Persistent Validation  
Conduct validation with Human



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