



Course Code	EDU-CAT-E-TG1-F
Brand & Release	CATIA V5R17
Duration	1.5 days
Language	English
Level	Fundamentals
Method	ILT

Training Material References

Instructor Foils: EDU-CAT-E-TG1-FI-V5R17  
 Foils: EDU-CAT-E-TG1-FF-V5R17  
 Exercises: EDU-CAT-E-TG1-FX-V5R17  
 Detailed Steps: EDU-CAT-E-TG1-FS-V5R17

Objectives

In this course you will learn how to use workbench Tooling Design to create and instantiate Components in a Mold or Die Structure

Participants' Profile

New Tooling Design users

Prerequisites

CATIA V5 Fundamentals  
 Mechanical Design Fundamentals

Content

Introduction to Tooling Design  
 Creating Components  
 Editing Components  
 Specific Components : Inserts & Sliders  
 Advanced Add/Remove Capabilities  
 Managing User Components  
 Tool Design to Manufacturing  
 Analyzing the contextual Links in the Assembly structure  
 Customizing the Bill of Material of a Mold/Die Product  
 Working with Large assemblies : Cache Management

Exercises

Ex. 1: Phone Handset (150min) / All sectors



Course Code	EDU-CAT-E-MTD-F
Brand & Release	CATIA V5R17
Duration	1 day
Language	English
Level	Fundamentals
Method	ILT

## Training Material References

Instructor Foils: EDU-CAT-E-MTD-FI-V5R17  
Foils: EDU-CAT-E-MTD-FF-V5R17  
Exercises: EDU-CAT-E-MTD-FX-V5R17  
Detailed Steps: EDU-CAT-E-MTD-FS-V5R17

## Objectives

In this course, you will learn how to use the workbench Mold Tooling Design to create a Plastic Injection Mold

## Participants' Profile

New Mold Tooling Design users

## Prerequisites

TG1: Tooling Design (EDU-CAT-E-TG1-F - V5R16)

## Content

Introduction to Mold Tooling Design  
Creating a New Mold  
Editing the Mold Base  
Advanced Mold Base : Inserts / Stripper Plate  
Tooling Components : Generic/Mold  
Creating Components  
managing Components  
User Components  
Assembly Drillings  
Advanced Add/Remove Capabilities  
Mold Design to Manufacturing  
Creating Injection Features  
Analyzing Contextual Links in the Assembly Structure  
Customizing the Bill of Material of a Mold  
Working with Large Assemblies : Cache Management

## Exercises

Ex. 1: Phone Handset (240min) / All sectors  
Ex. 2: Cover (180min) / All sectors