



Define your CATIA skills

AscendBridge: CATIA V5 Mold Tooling Design

OBJECTIVE: At the end of this course, students will be able to create customized Mold Bases using guided and fixed components created from scratch or by inserting from catalogs. The designers will be able to build the Plastic injection Mold Assembly and Drawings using predefined company standards by taking full advantage of advanced Tooling functionalities.

Price per Student: Special Offering	Student Profile: CATIA Tool Designers	
Duration: 3 Days	Pre-requisites: Knowledge of CATIA V5 Design & Tooling Design Basics	
TOPIC	DETAILS	TOPIC DURATION
Introduction to Mold Tooling Design	Mold Tooling Design Functions, Catalogs, Specific Tooling Design Settings, Mold Creation process.	0.25
Creating a New Mold Product	Inserting the Molded Part in the Mold Product, Structure & Requirements of the Molded Part, Creating the Mold Base using Catalogs, Defining a Stripper Plate, Creating Mold Base Before the Molded Part, Automatic Positioning the Molded Part, Additional Positioning Capabilities as per company processes.	0.5
Editing the Mold Bases	Editing the Definition of the Existing Mold Base, Adding the additional Plates, Splitting Core and Cavity Plates.	0.5
Working with Mold Components	Creating Generic Tooling Design components or specific Mold (MTD) components, Editing inserted Components, Specific Components like Inserts & Sliders, Advanced Add/Remove Capabilities, Managing User Components	0.5
Mold Design to Manufacturing	Tooling Component Drilling, Technological Results vs. Explode Holes	0.25
Creating Injection Features	Creating Gates, Runner, Coolant Channels (Waterlines)	
Understanding and Managing Mold Assembly Structure	Analyzing Contextual Links in the Assembly Structure, Customizing the Bill of Material of a Mold/Die Product, Working with large Assemblies -Cache Management.	0.5
Additional Mold Tooling Design Capabilities	Instantiating Components, Splitting Components (Ejectors, Lifters etc), Advanced Bill of Material Functions, Special Tool Viewer, Impact Management, Enhanced Tooling Design Capabilities, Display Technological Results, Creating Hole Tables in Drawing, Design Intelligent Tooling Components, Mold Tooling Design Catalogs, Smart User Templates.	
Customized Exercises to Initiate MTD Deployment	Working with Real samples for developing the Mold Tooling Design implementation process for the organization using the Tooling design principals, intelligence and automated functionalities.	0.5



Register on-line or call 1-888-326-8326
 Information contained within is subject to change. All classes are dependent on minimum enrollment
 Prices indicated do not include applicable taxes

