

	CATIA Plastic Part Design Essentials (PPD)
Course Code	CAT-en-PPD-F-V6R121
Brand	CATIA
Discipline	CATIA Mechanical V6
Available Release	V6R2012x
Duration	16 hours
Course Material	English
Level	Fundamental
Audience	Mechanical Engineers and Plastic Part Designers
Description	This course will teach you how to create a molded plastic part from a set of styled surfaces. You will use functional modeling to integrate basic features on a rough shell before completing the detailed design. Then you will learn how to analyze, prepare, and integrate the styling surfaces. Finally, you will extract the core and cavity for mold tooling design.
Objectives	<p>Upon completion of this course, you will be able to:</p> <ul style="list-style-type: none"> - Import, analyze, and repair a set of styled surfaces using the Healing Assistant workbench - Reserve space for the components that will be present inside the part - Integrate the Styling surfaces in Functional Design - Use Functional features to create / modify shapes - Manage shell and draft properties and cores - Use external shapes to design in context - Extract the core and cavity models
Prerequisites	Students attending this course should be familiar with the CATIA V6 Mechanical Design Fundamentals and CATIA V6 Mechanical Surface Design courses.
Available Online	Yes