

Training Course

MECANICA SOLUTIONS 3DEXPERIENCE CATIA V6

**TRANSITION TO THE 3DEXPERIENCE
PLATFORM FOR MECHANICAL DESIGNERS**

LEARNING EXPERIENCE | COURSE CATALOG

Course Code	CAT-en-3DMT-F-15-201
Brand	CATIA
Discipline	<ul style="list-style-type: none"> • Styling, Systems Engineering, Mechanical Engineering, Multi-Discipline Engineering, Electrical and Fluids Engineering, Industrial Engineering, Multiphysics Simulation
Available Release	3DEXPERIENCE R2020x
Duration	12.0 Hours
Course Material	English
Level	Fundamental
Audience	Designers who need to work with mechanical parts
Description	<p>This course addresses the needs of Mechanical Designers. It will first teach you how to design a new part with the 3DEXPERIENCE platform, insert the part in a product then position and constrain it. You will learn how to assign material properties and compute weight, then complete a simple drawing. Finally, you will learn how to create a new part version, replace the original part and update the product. More advanced topics will also be covered: they will teach you how to manage complex product structures, create product features, manage catalogs and analyze assemblies.</p>
Objectives	<p>Upon completion of this course, you will be able to:</p> <ul style="list-style-type: none"> • Create new products and parts • Insert a part in a product and position it • Apply materials to parts • Calculate the weight of a product • Insert and complete a drawing • Create a new part version • Replace a part and update a product • Design parts in context • Create assembly features and catalogs • Analyze the assemblies
Prerequisites	Students attending this course should have completed the Gateway to the 3DEXPERIENCE platform course. They should also be familiar with CATIA V5 Mechanical Design.
Available Online	Yes