

TECMAVEN

CATIA Mechanical Design Fundamentals	
Course Duration	4 Days
Level	Fundamental
Audience	Mechanical Designers
Description	<p>This course will teach you how to create simple parts, assemblies and drawings. You will learn how to use different feature-based tools to build, review and modify a model. You will also learn how to create and analyze assemblies and how to produce a drawing with different views. Finally, you will learn how to dimension the drawing and annotate the views.</p>
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none">• Create a new PLM object• Create and constrain 2D sketches• Complete a 3D model using features• Review and edit the features• Create parameters and formulas in the 3D model• Create a new product and add components to it• Move the components within a product by positioning them using assembly constraints• Create simple projection views and section views of 3D parts• Position the views on a drawing sheet• Add dimensions and annotations to the views• Finalize the drawing sheet by adding borders and titleblocks
Prerequisites	<p>Students attending this course should have completed the Gateway to the 3DEXPERIENCE Platform course.</p>