

3DEXPERIENCE Training

CATIA Mechanical Design Fundamentals



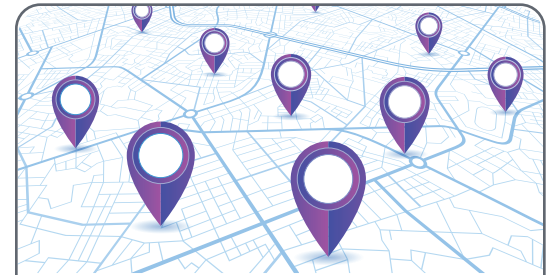
Course Length: 4 days

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.

Course Topics:

- 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 title blocks

Prerequisites: None



Learn Where It's Convenient for You

Attend Classes:

- Online with an instructor
- At one of our training centers
- At your on-site training facility
- At a location of your choice (via our mobile training labs)

Contact us:
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This curriculum is developed by
Dassault Systèmes.