

# 3DEXPERIENCE Training

CATIA Mechanical Design Expert



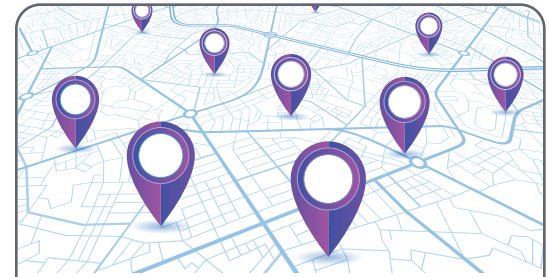
## Course Length: 4 days

This CATIA training course will introduce you to complex modeling techniques. Use advanced sketch-based and surface-based features to design parts and learn how to improve productivity by reusing existing features. You will also see how to design a product architecture and manage complex assembly structures using advanced features to design parts within an assembly environment. Finally, learn how to analyze interferences and then create an assembly layout using advanced tools to dress-up and annotate the final drawing.

## Course Topics:

- Create and manage complex parts
- Create fully parameterized models
- Create re-usable features
- Analyze interferences, component links, and relations
- Manage complex product structures
- Design new parts within a product
- Create large assembly layouts with tables and bill of materials

**Prerequisites:** Familiarity with Mechanical Design Fundamentals



## 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:  
[training@rand.com](mailto:training@rand.com)  
877.726.3243

This curriculum is developed by  
Dassault Systèmes.