RAND 3D

3DEXPERIENCE Training
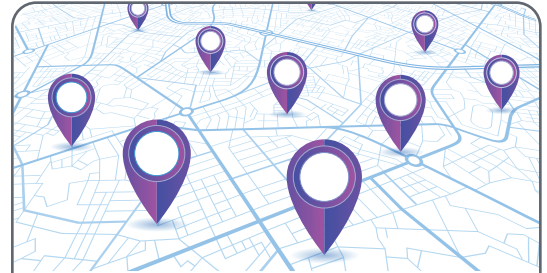**Introduction to CATIA Surface Design**

Course Length: 2 days

This course introduces the fundamentals of creating wireframe and surface geometry. This course takes an in-depth look at process-based modeling techniques used to develop robust and flexible surface geometry. With the design intent as the focus, you learn about shape and continuity settings for simple and complex geometry types.

Course Topics:

- Surfacing terminology
- Surface design process
- Creating wireframe geometry
- Creating simple surfaces
- Creating complex surfaces
- Performing operations on wireframe and surface geometry
- Working with surface geometry in the Part Design app
- Geometrical element management
- Surface fillets
- Boundary representations
- Best practices for surface modeling

Prerequisites: Completion of the 3DEXPERIENCE Introduction to Modeling course is recommended.

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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ASCENT
CENTER FOR TECHNICAL KNOWLEDGE

Class curriculum is developed by ASCENT, developers of professional training courseware and technical documentation for Autodesk, Dassault Systèmes and PTC software.