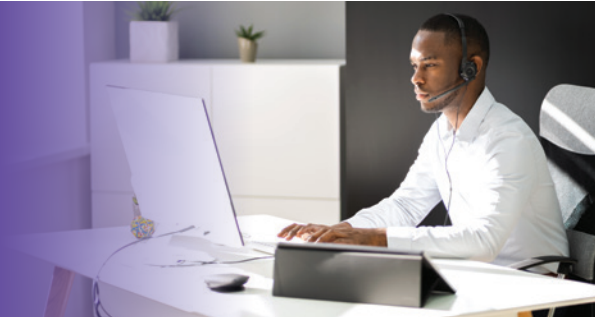# RAND 3D

CATIA V5-6R2018 Training
Introduction to Surface Design

Course Length: 2 days

This course introduces the fundamentals of creating wireframe and surface geometry. This guide 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 Workbench
- Geometrical element management
- Surface fillets
- Boundary representations
- Best practices for surface modeling

Prerequisites: CATIA Introduction to Modeling

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
877.726.3243

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