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Training Course Details

Title: I-DEAS Surfacing

Course Objectives: I-deas Surfacing provides the advanced user with an in-depth understanding of constructing and integrating advanced surfaces into part modeling. The user will examine all the methods for creating and manipulating surfaces. The user will also learn surface operations and how to evaluate surface qualities.

Who Should Attend? Designers, design engineers with experience in using I-deas to solve design problems.

Agenda overview: Introducing surfacing tools
Fundamentals of surfacing
Using loft
Sweeping surfaces
Using Mesh of Curves
Using curves or points
Using variational sweep
Operations and techniques
Open part modeling
Using the emboss and VSF commands
Using shell and fillet

Duration: 3 days

Software Version I-DEAS NX 6

Prerequisites: I-DEAS Best Practices course

Deliverables: Student guide
Activity material
Course certificate

Optional activities: I-DEAS Part Design
I-DEAS Assembly Design