

CATIA V5 Training

Advanced Surface Design



Course Length: 3 days
Price: \$1350

This course expands on the knowledge learned in the *CATIA: Introduction to Surface Design* class by covering advanced curve and surface topics found in the Generative Shape Design Workbench. Topics include: advanced curve construction, advanced swept, blend and offset surface construction, complex fillet creation, and the use of laws. Curve and surface analysis will be introduced to validate the student's geometry. Tools and methods to rebuild geometry are also discussed. As with the *CATIA: Introduction to Surface Design* course meeting model specifications, like continuity settings, remains forefront in introducing tools and methodologies.

Course Topics:

- Surface Design Overview
- Advanced Wireframe Elements
- Curve Analysis and Repair
- Swept Surfaces
- Blend Surfaces
- Adaptive Sweep
- Laws
- Advanced Surface Fillets
- Alternative Filleting Methods
- Duplication Tools
- Knowledge Templates
- Surface Analysis and Repair
- Offset Surfaces
- Project Exercises

Prerequisites: CATIA V5: Introduction to Surface Design

TRAINING CENTERS

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