Creo: Advanced Surface Modeling

Find a class

Course type

Class with hands-on practice

Duration

3 Hours

Product

Creo Parametric 12.4

Delivery method

Instructor-led

Guidebook languages

English

Course overview

This course teaches experienced Creo users how to create complex, high-quality freeform geometry using the Style surfacing environment. Learners develop advanced surfacing techniques by creating and controlling curves, building sophisticated surface geometry, managing tangency and continuity, evaluating surface quality, and resolving challenging surfacing conditions. Through hands-on exercises, participants learn how to create aesthetically pleasing and manufacturable surfaces that maintain design intent, support downstream modeling operations, and meet demanding product design requirements.

Prerequisites

Creo: Creating Surface Features 2

Creo: Stitching, Editing, and Solidifying Surfaces

Audience

Design Engineer

Learning objectives

Introduction to Style

Create curves

Create surfaces

Modify curve tangency

Curvature and surface quality

Solving for three-sided surfaces

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