

# CoCreate Modeling: Advanced Surfacing

Course Code	
Course Length	02 Days

## Overview

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This CoCreate Modeling Advanced Surfacing class offers valuable insight for developing and modifying 3D models utilizing Surfacing tools, techniques and methodologies. The course delivers the foundation needed to enhance your skills required to create and modify complex geometric models and forms in a fast-paced design environment. The techniques and tools provided are best utilized in all design environments from concept development to manufacturing. The tools learned here are also applicable for repairing the geometry of imported models.

## Prerequisites

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- To get the most from this class prior experience with CoCreate Modeling is required.
- Prior use of another 3D CAD system is also helpful but not required.

## Audience

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This class is ideal for Designers, Mechanical Engineers, Illustrators, or Industrial Designers who need to quickly get up and running with CoCreate Modeling Surfacing capabilities.

## Topics

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- Creating and Modifying 3D Curves
  - Surfacing terminology and theory
  - Developing Face Parts
  - Skinning
  - Guided Lofting
  - Surface Development
  - Surface Modification
  - Surface Adjusting
  - Surface Analysis
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## Agenda

### Day 1

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Module 1	3D Curves
Module 2	Surfacing

### Day 2

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Module 2	Surfacing (Continued)
Module 3	Surfacing and 3D Curve Tools
Module 4	Additional lab exercises

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