

### Basic Solid Part Modeling

- Understanding Creo Concepts
- Using the Creo Interface
- Selecting and Editing
- Creating Sketcher Geometry
- Using Sketcher Tools
- Creating Sketches for Features
- Creating Datum Features: Planes
- Creating Extrudes, Revolves, and Ribs
- Creating Sweeps and Blends
- Creating Holes, Shells, and Draft
- Creating Rounds and Chamfers
- Copy and Mirror Tools
- Creating Patterns
- Measuring and Inspecting Models

### BASIC assembly Creation

- Assembling with Constraints
- Exploding Assemblies
- Using Layers
- Managing Design Intent
- Resolving Failures and Seeking Help

### Adv solid part modeling

- Advanced Datum Features
- Relations and Parameters
- Advanced Blends
- Variable Section Sweeps
- Swept Blends
- Family Tables
- Reusing Features

### Flexible modeling

Introduction to Flexible Modeling

- Editing, Transformations & Recognition in Flexible

Modeling

### Adv Assembly Design

- Using Advanced Assembly Constraints
- Creating and Using Component Interfaces
- Creating and Using Flexible Components
- Replacing Components in an Assembly
- Understanding the Basics of Simplified Reps
- Creating Cross-Sections, Display Styles and Combined Views
- Creating and Using Assembly Structure and Skeletons

### Sheetmetal Design

- Introduction to the Creo Sheetmetal Design Process
- Sheetmetal Model Fundamentals
- Creating Primary Sheetmetal Wall Features
- Creating Sheetmetal Secondary Wall Features
- Modifying Sheetmetal Models
- Sheetmetal Bends and Setting Up the Sheetmetal Environment

### Detailing (Drawing)

- Introduction to Drawings
- Creating New Drawings
- Creating Drawing Views
- Adding Model Details to Drawings
- Adding Notes to Drawings
- Adding Tolerance Information
- Using Report Information in Drawings
- Using Layers in Drawings
- Creating and Using Tables in Drawings
- Adding Draft Geometry and Symbols

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