

## Training at PDSVISION

*Training is one of the best investments a company can make; it is not a big expense, it creates better quality of work, it immediately creates efficiency and it is fun!*

*PDSVISION is proud to be a Certified Training Provider – Platinum of PTC, and we offer a wide range of courses of high quality. Whether you are a first time user or an experienced user, PDSVISION can offer a suitable training for you. Greater knowledge contributes to increased efficiency and higher quality of work*

# Introduction to using Creo Parametric

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<b>Course</b>	<i>5 days</i>
<b>Length</b>	<i>None</i>
<b>Prerequisites</b>	<i>All new users that will get in contact with Creo Parametric</i>
<b>Audience</b>	<i>in any way</i>

## Course Description

This course is designed for new users who want to become proficient with Creo Parametric as quickly as possible. In this course, you will focus on learning core-modeling skills. Topics include sketching, part modeling, assemblies, drawings, and basic model management techniques. The course also includes a comprehensive design project that enables you to practice your new skills by creating realistic parts, assemblies, and drawings. After completing the course you will be well prepared to work effectively on product design projects using Creo Parametric.



## Course Content

The course is divided into 27 different modules covering the basics of Creo Parametric. Each day a certain amount of modules are presented and exercises based on information in the modules are performed. Successful completion of the course should equip you to accomplish the tasks covered by the modules on your own.

### Day 1

- Module 1 - Introduction to the Creo Parametric Basic Modeling Process
- Module 2 - Understanding Creo Parametric Concepts
- Module 3 - Using the Creo Parametric Interface
- Module 4 - Selecting and Editing
- Module 5 - Creating Sketcher Geometry

### Day 2

- Module 6 - Using Sketcher Tools
- Module 7 - Creating Sketches for Features
- Module 8 - Creating Datum Features: Planes and Axes
- Module 9 - Creating Extrudes, Revolves, and Ribs
- Module 10 - Utilizing Internal Sketches and Embedded Datums
- Module 11 - Creating Sweeps and Blends

### Day 3

- Module 12 - Creating Holes, Shells, and Draft
- Module 13 - Creating Rounds and Chamfers
- Module 14 - Project I
- Module 15 - Group, Copy, and Mirror Tools
- Module 16 - Creating Patterns
- Module 17 - Measuring and Inspecting Models

### Day 4

- Module 18 - Assembling with Constraints
- Module 19 - Assembling with Connections
- Module 20 - Exploding Assemblies
- Module 21 - Drawing Layout and Views
- Module 22 - Creating Drawing Annotations
- Module 23 - Using Layers

### Day 5

- Module 24 - Investigating Parent/Child Relationships
- Module 25 - Capturing and Managing Design Intent
- Module 26 - Resolving Failures and Seeking Help
- Module 27 - Project II