### Training at PDSVISION

*Training is one of the best investments a company can make; it is not a huge expense, it creates a better quality of work, it creates efficiency and it is fun! PDSVISION is proud to be a Certified Platinum Training Provider of PTC courses.*

*Whether you are a first-time or an experienced user we offer suitable training for your needs. Greater knowledge contributes to increased efficiency and higher quality of work.*

# Mold Design using Creo Parametric

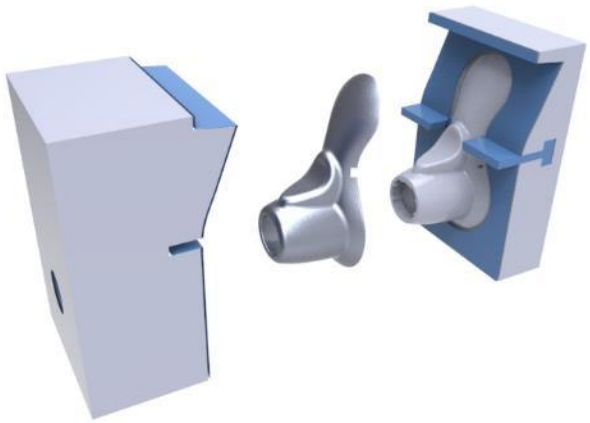
**Course Length:** **2 days**

**Prerequisites:** Introduction to Creo Parametric. Basic understanding of industry standard mold design terminology and processes.

**Audience:** Users that need to use Mold Design in their product development.

## Course Description:

The Mold application provides the tools to create a mold model from start to finish by using the mold design process within Creo Parametric. In this course, you will learn how to create, modify, and analyze mold components and assemblies. Any changes made to the design model automatically propagate to the mold components and assemblies. You will learn how to create final extract components that reflect the geometry of the design model, along with shrinkage considerations, adequate drafting, mold features, and cooling systems. After completing the course, you will have a better understanding of the mold design process and how to create molded products by using the mold design process.



## Course Content:

The course is divided into 12 modules covering the basics of Mold Design in 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 Mold Process
- Module 2 – Design Model Preparation
- Module 3 – Design Model Analysis
- Module 4 – Mold Models
- Module 5 – Shrinkage
- Module 6 - Workpieces

### Day 2

- Module 7 – Mold Volume Creation
- Module 8 – Parting Line and Parting Surface Creation
- Module 9 – Splitting Mold Volumes
- Module 10 – Mold Component Extraction
- Module 11 – Mold Features Creation
- Module 12 – Filling and Opening the Mold