

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.

Mechanism Design using Creo Parametric

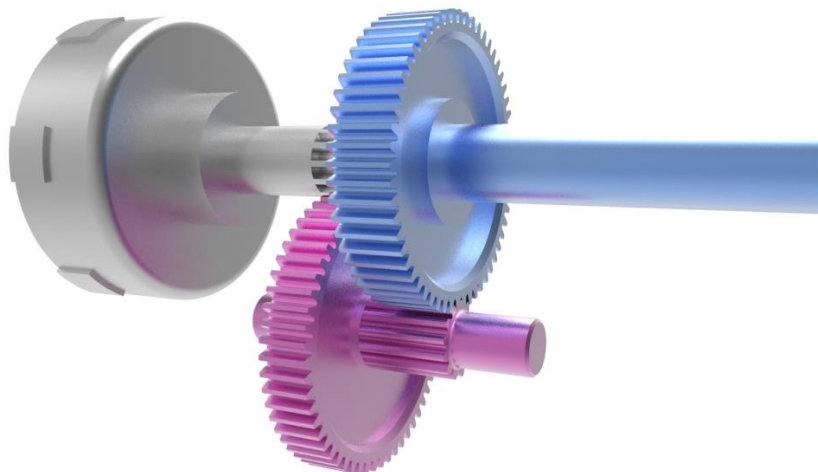
Course Length: 1 Day

Prerequisites: Introduction to Creo Parametric

Audience: Users that need to add and evaluate the motion of their assemblies

Course Description:

In this course, you will learn about creating mechanism connections, configuring the mechanism model, creating a kinematic analysis, and evaluating results. Mechanism Design using Creo Parametric is designed for experienced users who want to add motion to their models by building mechanism connections and servo motors. In Creo Parametric you can add motion to your models using the standard mechanism functionality, often referred to as the Mechanism Design Extension (MDX). These topics will enable you to simulate the range of motion between components in your moving assemblies, create gear connections that simulate the gear relations, create Cam connections that enable Creo Parametric parts to “push” other parts they come into contact with, and check for collisions between moving components. After completing this course, you will be prepared to work on mechanism designs using Creo Parametric.



Course Content:

The course is divided into 4 modules covering the most common features and functions of mechanism design. After each module is presented, exercises based on information in the modules are performed.

Day 1

- Module 1 - Introduction to the Mechanism Design Process
- Module 2 - Creating Mechanism Connections
- Module 3 - Configuring Motion and Analysis
- Module 4 - Evaluating Analysis Results