

Training at PDS Vision

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!

PDS Vision 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, PDS Vision can offer a suitable training for you. Greater knowledge contributes to increased efficiency and higher quality of work

Behavioral Modeling Using Creo Parametric

Course Length	1 day
Prerequisites	Introduction to Creo Parametric or equivalent experience. Experience with MS Excel, Mechanism Design, Creo Simulate, and Creo Mechanism Dynamics Extension is useful but not required.
Audience	This course is intended for product designers and engineers. Related roles will also benefit from taking this course.

Course Description

In this course, you will focus on learning advanced analysis skills unrelated to structural or thermal analysis. You will learn how to analyze your models and create analysis features that can enforce your design intent. You will also learn how to create sensitivity and feasibility studies that aid you in determining how to reach your design goals. Furthermore, you will learn how to create optimization design studies that enable you to configure the dimensions and parameters that Creo Parametric can change in order to meet your design specifications. After completing this course, you will be prepared to work on critical component designs using Creo Parametric Behavioral Modeling.



Course Content

This course will teach you to apply the Behavioral Modeling process and concepts to your designs. You will learn how to create model property features as well as analysis features and conducting design studies. The course is divided into seven modules, where the last module is a project intended for individual work.

Day 1

- Module 1 - Introduction to the Behavioral Modeling Process
- Module 2 - Creating Measurement Features on Creo Parametric Models
- Module 3 - Creating Model Property Features on Creo Parametric Models
- Module 4 - Creating Analysis Features on Creo Parametric Models
- Module 5 - Creating User-Defined Analysis Features on Creo Parametric Models
- Module 6 - Conducting Design Studies and Optimizing Models
- Module 7 - Project