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.

Best Practice - Create and Manage Assemblies

Course Length - 1 Day

Prerequisites :

Advanced Assembly class (3 days) or at least one-year experience of working with complex assemblies

Audience:

Users working with complex assemblies with a desire to work more efficiently

Course Description :

This course is a brand new course, developed by PDSVision, designed for experienced user of Creo Parametric. This course works best with an active audience in a more workshop like environment. Note that "Best Practice" in this context is a subjective term and cannot be applied directly to all customers due e.g. legacy and contradictory methods. PDSVision's ambition is to provide all students with well-known techniques, useful tools and tips of how to create and manage robust Assemblies in an efficient and stable way.

The content of this course is based on PDSVision collective experience we gained by working together with 100s of clients over the years.

Course Content :

The course will be as interactive as possible. The students will together with the instructor evaluate different methods of how to create and manage assembly models and trying to illuminate good and best practices in the area of matter.

Day 1

- Exercise 1 – Take control of Top-Down Design
- Exercise 2 – Capture design intent and manage moving components
- Exercise 3 – Utilize Component Interface full potential
- Exercise 4 – Take control over Mass Properties
- Exercise 5 – Optimize performance while working with Large Assemblies

The above listed exercise will include the following objectives:

- Share references
- Applying simplified representation
- Assign and/or calculate weight
- Using connections in an assembly
- Create and manage placing interface
- Use and manage Optimization tools for a model