

Introduction to Creo Parametric

Training Course Description

5 day course

Summary

This training course provides you with an understanding of the process of designing models with Creo Parametric through a hands-on, practice intensive curriculum. You will learn the key skills and knowledge required to design models using Creo Parametric, starting with 2D sketching, through to solid part modeling, assembly creation, and drawing production.

Software: Creo Parametric

Course Topics:

- Creo Parametric fundamentals and interface
- Principles behind design intent
- Manipulating a model
- Creo Parametric file management
- Part creation and modification
- Sketching and creating geometry
- Sketcher mode functionality (sketching and dimensioning)
- Datum features
- Duplication techniques (patterns, mirroring)
- Creating relations to capture design intent
- Creo Parametric customization
- Working with multiple bodies
- Design documentation and detailing
- Feature management
- Sweeps and blends
- Assembly creation and manipulation
- Parent/Child relationships in Creo Parametric models
- Model Analysis
- Multibody Design Basics
- Feature failure resolution
- Effective modeling techniques

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