

INTRODUCTION TO CREO PARAMETRIC



DETAILS

SOFTWARE

- Creo Parametric

DURATION

- 5 Days

DELIVERY METHOD

- Virtual Instructor-Led:
Public or Private
- In-Person Instructor-Led:
Public or Private

ADDITIONAL

- Learning guide provided
- Certificate of Completion provided

CONTACT

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COURSE OVERVIEW

This 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, multibody modeling, assembly creation, and drawing production.

PREREQUISITES

Experience in mechanical design and drawing production is recommended.

COURSE DETAILS:

- Creo Parametric fundamentals and interface
- Principles behind design intent
- Manipulating a model
- Creo Parametric file management
- Part creation and modification
- Sketching and creating geometry
- 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
- Feature failure resolution
- Effective modeling techniques