



## ADVANCED MODELING AND ADVANCED ASSEMBLY USING CREO PARAMETRIC

### DETAILS

#### SOFTWARE

- Creo Parametric and Creo Advanced Assembly Extension

#### 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

As an experienced user, this training course enables you to become more productive by extending your modeling abilities with advanced functionality and techniques. Understand the full assembly functionality of Creo Parametric while concentrating on techniques that maximize large assembly management capabilities as well as an introduction to Top-Down Design. This extensive hands-on course contains numerous labs and exercises to give you practical experience so that you can improve your job performance.

### PREREQUISITES

Introduction to Creo Parametric or equivalent Creo Parametric experience.

### COURSE DETAILS:

#### Advance Modeling

- Creo Parametric fundamentals and interface
- Advanced bend features
- Advanced datum features
- Sweeps with variable sections and helical sweeps
- Blends and swept blends
- Designing with rounds
- Advanced round functionality
- Drafts
- Basic surface design
- Part family tables
- User-defined features (UDFs)
- Date sharing
- View Manager
- Automation (Appendix)

#### Advance Assembly

- Advanced Component Selection and Placement
- Top-Down Design
- Managing External References
- Assembly Management
- Skeleton and Motion Skeleton
- Models
- Assembly Duplication Tools
- Assembly Family Tables
- Display Styles, Layers and Suppression
- Restructure
- Intelligent Fasteners Lite
- Creating Parts and Features in an Assembly
- Merge and Cut Out, Intersections
- Copy Geometry Features
- Inheritance Features
- Simplified Representations
- Interchange Assemblies