MILLING USING CREO PARAMETRIC

DETAILS

SOFTWARE

- Creo Parametric a Prismatic, Production or Complete Machining 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

Email: training@etrage.com
Phone: 781-577-2777

COURSE OVERVIEW

In this course, you will learn how to machine products using Creo Parametric manufacturing tools. This course covers creating tool paths for three axis milling machines. During the course, you will learn how to complete each phase of the manufacturing process. You will start by creating manufacturing models and configuring the manufacturing environment. This will include configuring tools, fixtures, and machining operations. You will then learn how to create milling sequences, holemaking sequences, and post-process cutter location (CL) data to create machine code. After completing the course, you will be able to create numerical control (NC) programs for milling machines and post-process cutter location (CL) data to create machine specific code.

PREREQUISITES

Introduction to Creo Parametric or equivalent Creo Parametric experience.

COURSE DETAILS:

- Introduction to Manufacturing
- Creating Manufacturing Models
- Configuring Operations
- Using Reference Models
- Using Workpiece Models
- Creating and Using NC Model Assemblies
- Creating and Configuring a Work Center
- Creating and Configuring Tools
- Using Template Manufacturing Models
- Using Manufacturing Parameters
- Creating Face Milling Sequences
- Volume Milling Sequences
- Creating Profile Milling Sequences
- Creating Straight Cut Surface Milling Sequences
- Creating Cut Line Surface Milling Sequences
- Advanced Surface Milling Options
- Creating Roughing and Re-roughing Sequences
- Creating Finishing Sequences
- Creating Trajectory Milling Sequences
- Creating Holemaking Sequences
- Creating Engraving Sequences
- Using the Process Manager
- Creating and Post-Processing CL Data Files