

# Creo: Milling using Creo

## Find a Class

### SOFTWARE

- Prismatic, Production or Complete Machining Extension

### DURATION

- 5 Days

### DELIVERY METHOD

- Instructor-Led Virtual (Public or Private)
- In-Person (Public or Private)

## 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, holmaking 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.

## CREO: Milling Using Creo

|  | Day 1   | Day 2  | Day 3  |
|--|---|--|--|
|  | <ul style="list-style-type: none"> <li>• Module 1 Introduction to Manufacturing</li> <li>• Module 2 Creating Manufacturing Models</li> <li>• Module 3 Configuring Operations</li> <li>• Module 4 Using Reference Models</li> <li>• Module 5 Using Workpiece Models</li> <li>• Module 6 Creating and Using NC Model Assemblies</li> <li>• Module 7 Creating and Configuring a Work Center</li> </ul> | <ul style="list-style-type: none"> <li>• Module 8 Creating and Configuring Tools</li> <li>• Module 9 Using Template Manufacturing Models</li> <li>• Module 10 Using Manufacturing Parameters</li> <li>• Module 11 Creating Face Milling Sequences</li> </ul>   | <ul style="list-style-type: none"> <li>• Module 12 Creating Volume Milling Sequences</li> <li>• Module 13 Creating Profile Milling Sequences</li> <li>• Module 14 Creating Straight Cut Surface Milling Sequences</li> </ul> |
|  | Day 4   | Day 5  |  |
|  | <ul style="list-style-type: none"> <li>• Module 16 Creating Cut Line Surface Milling Sequences</li> <li>• Module 17 Advanced Surface Milling Options</li> <li>• Module 18 Creating Roughing and Re-roughing Sequences</li> <li>• Module 19 Creating Finishing Sequences</li> </ul>  | <ul style="list-style-type: none"> <li>• Module 20 Creating Trajectory Milling Sequences</li> <li>• Module 21 Creating Holmaking Sequences</li> <li>• Module 22 Creating Engraving Sequences</li> <li>• Module 23 Using the Process Manager</li> <li>• Module 24 Creating and Post-Processing CL Data Files</li> </ul> |  |