

# Advanced Turning and Multi-Task Machining using Creo

## Training Course Description

2 day course

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### Summary

In this course, you will learn how to machine components using mill-turn machines, twin-turret machines, and in-line twin spindle lathes. You will also learn how to create turning tool paths and milling tool paths for each machine type, where appropriate. In addition, you will understand how to post-process mill-turn toolpaths and how to use the NC-Check and Vericut material removal simulation tools. Finally, you will learn how to view machine tool simulations for 3-axis milling, 2-axis turning, and 5-axis mill-turn machines. This course is intended for manufacturing engineers and NC machinists.

**Software:** Complete Machining Extension

### Course Agenda

#### DAY 1

Module 1 Mill-Turn Machining

Module 2 Twin Turret Turning

Module 3 In-Line Twin Spindle Turning

#### DAY 2

Module 4 Configuring and Using Multi-Tip Tools

Module 5 Mill-Turn Post Processing

Module 6 Material Removal Simulation

Module 7 Machine Tool Simulation

### Recommended prerequisites for this Creo Parametric Training Course

Introduction to Creo Parametric or equivalent Creo Parametric experience; Milling using Creo and Turning using Creo courses.

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