

# MASTERCAM X5 - LATHE

## Introduction

This course introduces you to powerful modeling for practical design. You will learn Toolpath Generation, Rough Toolpath, Finish Toolpath You will learn how to modify using filleting, chamfering and shelling features and how to reorder and edit operations using the history tree. You will learn to use Boolean features such as addition and subtraction.

## Objectives

Participants will be able to create many different toolpaths for turning machines, from roughing and finishing inside and outside diameters to C-axis (mill/turn) programming. It also includes grooving, threading, drilling, facing and cutoff toolpaths for all your lathe machining needs.

## Pre-Requisites

Basic knowledge of Windows XP or latest and CNC machining experience.

**Duration** : 2 days  
**Time** : 9:00am to 5:00pm

## Course Outline

- Introduction to Mastercam Lathe
- Setting Up a 2-Axis Turning Job
- Facing a Part
- Roughing the OD
- Drilling the ID
- Finishing the OD
- Creating an OD Groove
- Using Operation Libraries
- Grooving and Finishing the ID
- ID and OD Threading

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