



MASTERCAM LATHE

Who should attend:

CNC programmer, CNC Machinist

Prerequisites:

Basic knowledge of Microsoft Windows and CNC machining experience

Duration:

2 Days

Methodology:

Practical hands-on with using computers, lecturing, discussions and case studies

Introduction

In this training, participants will learn to enhance their knowledge in CAD\CAM and CNC programming on a lathe machine.

Objective

At the end of this program participants are expected to:

On Completion of this training the participants will be able to create many different toolpaths for turning machines, from roughing and finishing, inside and outside diameters. It also includes grooving, threading, drilling, boring, facing and parting-off toolpaths for all your lathe machining needs.

IME CADCAM TRAINING CENTRE SDN BHD

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Key Topics

Course Outline:

Day 1 :

- Overview of Mastercam interface
- Overview of Design Functions
- Creation and Editing of 2D wireframe geometry
- Creation of Turn Geometry from Solid and Surface Models
- Student Question and Answer Session on day's work

Day 2 :

- 2D Solid model Toolpath projects
- Face, Roughing, and Finishing Toolpaths
- Canned Roughing and Finishing Cycles
- Overview of Grooving Toolpaths
- Student Question and Answer Session on day's work
- Continuation of 2D Solid model Toolpath projects
- Overview of threading options
- Stock Flip, Stock Transfer, Stock Advance and Tailstock options
- Introduction to C-Axis toolpaths and Live Tooling
- Student Question and Answer Session on day's work

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