



MASTERCAM MILL BASIC

Who should attend:

CNC programmer, CNC Machinist

Prerequisites:

Basic knowledge of Microsoft Windows and CNC machining experience

Duration:

3 Days

Methodology:

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

Introduction

The Mastercam Mill course explains how Learn the fundamentals of working with milling machine. Participants will complete a series of 2D drawing exercises covering entity creation, geometry modification and transformation. Create and move entities onto different levels, import and export files from other CAD systems. You will learn how to machine a 2D part using facing, contour, pocketing and drilling toolpaths. You will be shown to use contour, engraving and pocket remachining, taper wall pocketing and how to verify the toolpaths using solid-based toolpath verification..

Objective

At the end of this program participants are expected to:

On completion of this training the participant will be able to design 2D product drawing, create toolpath to machine the parts using facing, contour, pocket, drilling, pocket remachining, island facing and also be able to use the 2D High Speed toolpaths including Peel mill and Dynamic milling options.

IME CADCAM TRAINING CENTRE SDN BHD

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Key Topics

Course Outline:

Day 1:

- Overview of Mastercam interface
- Creation and Editing of 2D wireframe geometry
- Overview of Design Functions
- Creation of "Prismatic Solids for 2D Machining and Feature Based Machining (optional)

Day 2:

- 2D Solid model Toolpath projects
- Introduction to Mastercam 2D High Speed Toolpaths including Peel Mill and Dynamic Milling options
- Face, Contour, Pocket, and Drilling Toolpath options
- Student Question and Answer Session on day's work

Day 3:

- Continuation 2D Solid model Toolpath projects Drag and Drop a Fitting
- Overview of Mastercam's Feature Based Machining options
- Applying Mastercam 2D toolpaths to Solid Geometry
- Setting Operation defaults
- Student Question and Answer Session on day's work

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