



IFS ACADEMY

Training For The Future!!

Computer Aided Manufacturing using Unigraphics

Course Curriculum

Chapter 1: Introduction

- a. Setting Up The Machining Environment
- b. Main Menu Options
 - a. Operation Navigator
 - b. Parent Groups
- c. Customizing Your Environment
- d. Boundaries
- e. NX Library
- f. Common Operation Options

Chapter 2: Milling

- a. Milling Introduction
- b. Planar Milling
- c. Cavity Milling
- d. Plunge Milling
- e. Z Level Milling
- f. Face Milling
- g. Sequential Milling
- h. Fixed and Variable Contour
- i. Zigzag Surface
- j. Point to Point
- k. Common Milling Options
- l. Common Cutting Options
- m. Engage and Retract
- n. Tool Axis

Chapter 3: Feature-Based Machining

- a. General Feature-Based Machining
- b. Hole making and Hole Mill
- c. Feature-Based Milling

Chapter 2: Manufacturing Miscellaneous Help

- a. User Defined Operations
- b. Visualize Static
- c. Machine Control Operations
- d. Postprocessor Major and Minor Word Mappings
- e. CLSF Manager
- f. CLSF Replay Errors
- g. Part Conversion Warnings
- h. Standard B-Spline Format

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