



IFS Academy

Training for the future!!!

Pro/E WF Basic Training Program Course Curriculum

Chapter 1: Introduction

- a. Introduction to CAD/CAM /CAE
- b. Parametric Design, Associative, Feature Based Modeling
- c. System Requirements
- d. Graphic User Interface of Pro/E
- e. Getting Started With Pro Engineering
- f. File Operations

Chapter 2: Sketcher

- a. Creation Tools
- b. Dimensioning & Constraints
- c. Sketcher Palette
- d. Sketcher Relations

Chapter 3: Part Modeling

- a. Getting started With Part Modeling
- b. Creation of Features
- c. Datum Tools
- d. View Manager
- e. Engineering Features
- f. Edit Features
- g. Advanced Feature Operations
- h. Pattern
- i. Advanced Utilities
- j. Model Analysis

Chapter 4: Introduction to Surface Modeling

- a. Basic Surfacing Tools
- b. Use of Datum Sketcher
- c. Variable Section Sweep
- d. Boundary Blend

Chapter 5: Assembly Mode

- a. Getting Started With Assembly
- b. Bottom-up Approach
- c. Assembly Features
- d. Top-down Approach
- e. Interference & Clearance Checks
- f. Exploded Views
- g. Advanced Utilities

Chapter 6: Drafting

- a. Overview of Drafting
- b. Creating Drawing Views
- c. Insert Templates, Format
- d. Show & Erase Tool,
- e. Creation of Dimensions
- f. Symbol Creations & Placements
- g. Bill of Materials
- h. Drawing Tools
- i. GD & T

Chapter 7: Introduction to Sheet metal

Chapter 8: Introduction to PRO- Mechanism

Chapter 9: Tips & Tricks

- a. File Management

- b. Export and Import of CAD Files
- c. Concept of Version Files
- d. Managing PRO-E Environment

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