

iGrafx Professional & Process Process Simulation

- Course Title :** Process Simulation in iGrafx Professional and iGrafx Process
- Duration :** 1 Day
- Pre-requisites :** FlowCharting with iGrafx Professional and iGrafx Process or equivalent experience.
- For Whom:** The course is intended for people who prepare process maps, investigate ways to enhance business procedures and who run simulations to see the effect on a process of changing conditions.
- Course Objectives:** At the conclusion of the training participants will be able to -
- Create process maps
 - Format the shapes to suit specific needs
 - Assign resources to processes
 - Run processes over multiple departments
 - Set transaction attributes
 - Define monitors for the process simulation
- iGrafx Process only:** iGrafx Process includes the following options
- Generate a process simulation run
 - Generate reports on the transactions, resources and activities
 - Generate charts to enhance the reports
- Course Design:** This workshop is part of our FastTrack Training scheme.
- Training is undertaken in a one-on-one situation, or with a small group from the same workgroup. Throughout the course, the instructor will fully demonstrate and explain each new concept. This demonstration and explanation, coupled with plenty of practical exercises ensures that participants are able to meet the course objectives.
- Participants are encouraged to bring samples of their work, both hard copy and on disk to the workshop, as well as a list of questions.

COURSE OUTLINE

PROCESS SIMULATION - 1 DAY INTENSIVE WORKSHOP

OVERVIEW OF PROCESS MAPS

- Drawing Symbols
- Drawing Lines to Connect Symbols
- Adding Text & Departments
- Creating Easy Graphics

WORKING WITH SYMBOLS AND LINES

- Adding Symbols to the Toolbar
- Symbols From Other Applications
- Changing the Border and Fill Format
- Symbols to Cross Departments
- Lines and Line Routing
- Changing the Line and Arrow Format
- Moving Connection Lines

WORKING WITH LAYOUT

- Process Map Format
- Line Intersections and Skips
- Connectors
- Activity Numbering
- Fields
- Aligning Symbols and Using the Grid
- Creating Headers and Footers
- Printing
- Using Custom Templates

WORKING WITH TEXT

- Editing Text
- Fonts and Text Style
- Alignment and Rotation

PROCESS MODELLING

- Inputs
- Joining & Batching
- Queue Methods & Wait Time
- Start Points
- Groups
- Assigning & Scheduling Resources
 - Overtime & Resources Waiting
 - Attributes & Work
 - Process & Delay
 - Decisions & Outputs
 - Splitting and Stopping Processes

TABLES

- Creating a Table
- Connecting Symbols in Tables
- Moving, Copying, and Deleting Cells

DESCRIBING MODEL BEHAVIOUR

- Transaction Attributes
- Setting a Priority on a Transaction
- Setting a Preempt on a Transaction
- Defining Types
- Using Expressions
- Adding Operators to Expressions
- System-Defined Functions
- Custom Functions

Using Pause Points

USING MULTIPLE PROCESSES

- Process Hierarchy
- Concurrent Processes
- Subprocesses

USING MONITORS

- Defining Monitors
- Locating Monitors
- Deleting or Removing Monitors

REPORT RESULTS

- Structure & Filters
- Transaction, Act. & Resource Stats
- Creating Custom Statistics
- Cross-Department Statistics

CREATING GRAPHS

- Standard Graphs
- Gantt chart
- Statistical Charts

RUNNING A SIMULATION

- Simulation Time
- Snapshots & Generators
- Resources & Resource Pools
- Running the Simulation
- Schedules & Multiple Scenarios
- Transactions and Attributes in the Trace Window

COMPUTER
WorkGroup
TRAINING