

PULL-TO-DEMAND PROCESS FLOW SIMULATION

(Powered by [iGrafx Process 2007 for Six Sigma](#))**

***Prerequisite software for all ASQ Six Sigma Black Belt students*

Course by John Kelley and Associates, Inc. (pull-to-demand.com)¹



INSTRUCTORS

- John Kelley (John Kelley and Associates, Inc.)¹
- Kim Scott (iGrafx)¹ or Aaron Bozeman (iGrafx)¹

MATERIALS

- Fully functional iGrafx Process 2007 for Six Sigma software
- iGrafx Training Materials (including fully functional advanced models)
- John Kelley and Associates demonstration models (fully functional)
- John Kelley and Associates spreadsheets to assist in project setup

TOPICS

- **DAY ONE² (iGrafx led: Process diagramming and process data entry)**([Details](#))³
 - Introduction to iGrafx Process 2007 for Six Sigma, product functionality
 - Creating VSMs
 - Creating a Process Diagram
 - Advanced Process Diagramming
 - Data Entry Overview & Hierarchy
 - The Tabular View
 - Additional Diagram Types
 - Input & Output
- **DAY TWO² (iGrafx led: Modeling and simulation)**([Details](#))³
 - Simulation Overview.
 - Attributes, Functions, & Expressions.
 - Activities.
 - Simulation Project.
- **DAY THREE⁴ (Advanced process flow analysis techniques)**
 - Fundamentals review (product process maps, process demand, pull-to-demand)
 - Creating representative parts based product characteristics and on process functionality (functional Excel™ Spreadsheet provided)
 - Advanced models (conveyor ovens, conveyors, autoclaves, batching & unbatching, operator-load/machine run, etc.)
 - Workshop – creating a simple but complex model, driving with a simple generator
 - Reporting
- **DAY FOUR⁴ (Advanced process flow modeling workshop)**
 - Demand generators
 - Interarrival generators with and without external data source
 - Working with a complex model (fully functional)
 - Testing various scenarios, appending notes
 - Reporting

- Notes:**
- (1) Click on pull-to-demand.com, then select ASSOCIATES to find out more about the instructors.
 - (2) Taught by either Kim Scott or Aaron Bozeman
 - (3) Click to see iGrafx course details for each of the bulleted topic.
 - (4) Taught by John Kelley