Process Simulator Essentials Course Syllabus

Module 1: Introduction to Visio and Process Simulator

Module 2: Model Building Basics. Includes Simple Queuing Systems, Basic Modeling Elements, Time Distributions

Module 3: A Manufacturing Paint Line
   Phase 1: Periodic Arrivals, Batching & Unbatching,
   Phase 2: Outlet Routings, Attach & Detach
   Phase 3: Variables, Attributes, Log Statement, Inc & Dec, Percent Routings

Module 4: Output Viewer and Analysis


Module 7: Conditional Logic. If Then logic, Use a Resource

Module 8: Resources, Subroutines and Local Variables. Resource Groups, Local Variables, Subroutines, Multi Entity tab

Module 9: Special Arrivals and Calendars. Scheduled Arrivals, Pattern Arrivals, Resource Shifts and Calendars, Create Route

Module 10: Connecting with External Files. External Arrivals using Excel, Import and Export using Excel

Module 11: Logic and Loops. Order, Wait Until, While-Do Loops, Comment, Display

Module 12: SubModels. Connecting models to each other

Module 13: Arrays. Arrays in Process Simulator, Exporting Data, and Termination Logic (this module’s features are available only with the Process Simulator Professional edition)