SIEMENS

3D Engineering

Course Name   :   _Plant Simulation_

Course Duration :   40 Hrs.

Description

In this Process Designer Basics course, students explore the Plant simulation ability to directly view nodes from the product tree, operation tree, or resource tree.

Basics Prerequisites

Know how to use a mouse. Previous experience with a 3D CAD system is also recommended.

Contents

1. Simulation of robots and handling equipment
2. Pick and place
3. Blocking angle
4. Assembly with pick and place
5. Warehousing and Procurement
6. Virtual warehouse
7. Sort by method
8. Storage crane
9. HBW-WMS WITH SQLite
10. Simulation of Workers
11. Worker assembles part
12. Troubleshooting depending on the nature of the failure
13. The fluids library
14. Fluids –multi tank system
15. 2D and 3d Visualization
16. Icon editor
17. Integrate energy consumption and costs
18. Basics of energy consumption
19. Statistics
20. Jobs per hours
21. HTML REPORT
22. Data exchange and interfaces