



Plant Simulation – Use in production

The course shows, by way of numerous examples, how Plant Simulation is used in the area of production. The use and adjustment of the standard components of Plant Simulation is explained, programming of client-related modifications is practiced, and knowledge of SimTalk is developed and enhanced. The course content is oriented primarily towards the client's production requirements.

Possible Course Content

Processing of parts

- Single processing, simultaneous processing
- Continuous and discontinuous production
- By lot production
- Transfer lines

Assembly and disassembly processes

- Assembly- and dismantle station
- Assembly and disassembly using SimTalk
- Assembly using worker
- Assembly using PickAndPlace-robot

Workers

- Modeling of repair and maintenance
- Modeling of machine operators
- Load and unload of machines by worker

Transport of parts and containers

- Modeling of continuous conveyors
- Modeling of discontinuous conveyors
- Parts transport in containers
- PickAndPlace-robot
- Cranes
- Transverse slide carriages

Rejects and rework

- Modeling using flow station
- Modeling using exit behavior

Buffer and store

- Buffer and sorter
- Buffer dimension and availability
- Simple store modeling

All the content will be conveyed based on examples from your production processes. Participants should have gained some initial experience with Plant Simulation and SimTalk.

The training course is based on the following book:
Tecnomatix Plant Simulation (Springer, 2015)

Duration:

5 days

Costs:

3.800 € *

Training location:

On site in your company.

* The price does not depend on the number of course participants and includes all travel expenses.

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