SIEMENS

Process Simulation / 工艺仿真（Process Simulation）（F5503）

Objectives

Through this training, you can master the basic functions of PS software, have a certain understanding of assembly simulation, can carry out basic simulation operations, master the basic functions of PD software, and complete the deliverables related to body-in-white process development according to the basic flow.

Target Group

Process simulation personnel

Content

- Process Simulation introduction and installation
- Option settings, keyboard and mouse shortcuts
- Software interface and menu bar drop-down command introduction and explanation
- New research, 3D data association and import
- Define object attribute types
- Layout adjustment
- Assembly simulation technology
- Human factor simulation technology
- Robot simulation technology
- Create device motion actions
- Robot automatic position and path planning
- Intelligent robot position adjustment
- Robot installation equipment
- The robot modifies the pose and position of the point
- Add robot external axis
- MFG manufacturing feature creation and projection
- Solder joint allocation
- Make electric welding paths
- Make continuous welding paths
- Welding analysis and verification
- Assembly path planning and production
- Robot welding path planning and production
- Robot grab path planning and production
- Human factor simulation path planning
- Timing control simulation
- Practice and answer questions

Prerequisites

Basic process development concepts, basic concepts of mechanical design, and certain knowledge of the body in white process.

Type

Face-to-face training

Duration

4 days

Language

zh

Fee

10,000 CNY