

1. Topic: PD Basic / digital planning

You want to plan a robot welding plant, but don't know whether the number of robots is sufficient to achieve the required number of components per day? You have a rough idea of how the production plant should look like later on, but you do not know whether the given area is sufficient to position all operating equipment (e.g. robots, jigs and fixtures) on it?

These and other questions are dealt with in the seminar *Process Designer Basic / Digital Planning*. For this purpose, the basic functions of the software are first taught using an already completed, small project example. Here navigation and working method in the 3D graphics window are learned. The sequences of the individual production steps are checked in the bar chart (Gantt view) and the flow chart (Pert view). Furthermore, the data management, the library concept and import and export functions are discussed. In the further course of the seminar the planning of an own small robot welding plant is started.

For:

All those who want to get into project work with the Process Designer.

Prerequisites:

No special previous knowledge required.

Learning goals:

Functional basics and introduction to working with Process Designer using a small project example. Understanding of the Process Designer data model and learning of the basic program functionalities, including handling in the 3D environment and creation of a Gantt and Pert diagram.