
Special SIMOCODE:Bedrijfsnaam: Locatie: Titel certificaat (SPEC FEA)

Objectives

This practical course is guiding attendants to work with the standard application software - 'Ready to Run' solution of the SIMOCRANE Basic Technology package. The software structure and the range of functions will be introduced in details. The handling of commissioning for standard applications (e.g. STS Crane) is the focus of this course. It is not the goal of this course to adapt the programs. For such 'Ready to Apply' users, the next course 'SIMOCRANE Basic Technology "Ready to Apply" Engineering " is required.

Target Group

Crane SW engineers, commissioning engineers who have to Commissioning SIMOCRANE Basic Technology (Ready to Run of a standard solution)

Content

This course content is:

Day 1: Standard application SW - Structure and functions

- Overview of Simotion & Sinamics S120
- Overview of SIMOCRANE Basic Technology
- *Introduction of Standard applications SW*
- Configuration, Communication (S7 - Simotion - Sinamics), SW Structure, Function modules, Crane DCC-Library

Day 2: Commissioning of Sinamics with practice

- Setpoint channel
- Stationary & turning measurement
- Speed controller optimization

Day 3-4: Commissioning of Simotion with practice

- *Function module (on Technology Object)*
- Axis type settings
- Position controller optimization
- *Crane Technology (in Drive Control Chart)*
- Setpoint channel
- Masterswitch, Start pulse,
- *Sequentiel Control (in Motion Control Chart)*
- Structure of the program
- introduction of the different operating modes

Day 5 Service (diagnostic and trouble-shooting)

- *Diagnostics with examples*
- Trace
- Trouble-shooting
- Analysis in SIMOTION / SINAMICS
- *Introduction of the IT-IBN Tool*

Practical exercises with crane training kits

Prerequisites

The following prerequisites are required

- Basic knowledge of SIMATIC S7,
- Basic knowledge of Masterdrives Vector Control,
- Basic knowledge of Crane technology,
- Basic knowledge of Simotion and Sinamics (S120)
- (we recommend the course Basic Software Engineering course SIMOTION/SINAMICS, or DR-SNS-MC and MC-SMO-SYS)

Note

Date: 24-12-2016 is not a real date but a Waiting list for this course!

If you want to be on the waiting list please book yourself on this date. As soon that we have a date we will inform you. Then you can decide if you want to be on this coursedate or if you want to stay on the watinglist.

Type

Face-to-face training

Duration

1 day

Language

nl

Fee

0 EUR

