

## Training Course for Commissioning of SIMOCRANE Sway Control (CR-SICRSW3)

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### Objectives

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This practical course is a guide for participants to understand the functionality of a sway control system and to engineer and commission sway control applications based on customer needs.

This training is a prerequisite for the commissioning of the SIMOCRANE Sway Control Product.

The training for the SIMOCRANE Sway control product is designed for the SIMOCRANE CeSAR family.

### Target Group

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Crane application engineers who have to commission SIMOCRANE Sway control standalone Systems.

### Content

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This course content is:

#### Day 1: Various Sway Systems

- Demonstrate the Sway Control functionality based on different used cases.
- Build product knowledge to configure customer applications based on functions.
- Selection of the needed system components.

#### Day 2+3: Commissioning

- Checking of pre-conditions
- Guiding through commissioning tool CeCOMM
- How to configure the Profibus interface
- Adjusting of camera
- Introduction of Commissioning/Instruction Manual
- The basic use of parameters
- Optimizing of the Sway Controller
- Writing your own application example for STS

#### Practical exercises at the Crane Model

### Prerequisites

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The following prerequisites are required

- Basic knowledge of SIMATIC S7,
- Basic knowledge of Frequency Controllers,
- Basic knowledge of Crane technology,
- Basic knowledge of Simotion and Sinamics (S120)
- We recommend the course: Crane Physics and Drive sizing (CR-BASICS).

### Note

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Course location is **Erlangen Germany**

Participants minimum 2 persons and maximum 4 persons.

### Type

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Face-to-face training

### Duration

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3 days

### Language

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### Fee

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2,800 EUR