



TRAINING

# Basic Training

**Content**

- Overview of the system components
- Using the teach pendant
- Operating modes
- Safety aspects
- Application control
- Setting up path points
- Operating system settings
- Reading and editing data
- Basics of movement commands
- Management of analogue and digital inputs and outputs

**Goal**

This course teaches a range of skills, encompassing the safe operation of the system, reading operating system data, the competent set-up of start-up points, and cell-specific administration of inputs and outputs.

In addition, participants gain an overview of the mechanical and electrical components of the robot and its control system.

This course prepares maintenance technicians for TX2/TS2 CS9 systems for participation in a maintenance training.

This course prepares potential programmers of TX2/TS2/CS9 systems for participation in a VAL 3 programming training course.

**Participants**

System operators, setters, technicians, maintenance staff, programmers in preparation for programming training.

**Benefits of Training**

- Increased safety in the workplace environment through competent handling of the machine and the system
- Improving the confidence of participants when handling the robot system
- Saving time in the production process through reduced set-up times, competent operation, increasing the operational readiness of the system and reducing wear and tear.
- The ability to independently assess and identify the source of any malfunction can significantly reduce system downtime.
- Trained and informed operators can contact the Stäubli hotline and receive a faster and more efficient response.

**CS8C**

**Duration:** 2.5 days  
**Course number:** 8.1.1  
**Location:** Bayreuth

**CS9**

**Duration:** 2.5 days  
**Course number:** 9.1.1  
**Location:** Bayreuth, Asten, Hannover

**Prerequisites**

none

**Recommendation**

Experience in the operation of computer controlled industrial machines

**Please note!**

The knowledge from the basic training course is assumed for participants in the maintenance training CS9 course and the CS9 programming training course, which is why we strongly recommend attending a basic training course in advance.

