



PLC Training Course - B&R Automation Studio Integrated Motion Control (Programmers)

199 TM410

PLC Training Course - B&R Automation Studio Integrated Motion Control (Programmers): Target Group

This course is intended for B&R Automation users that need to incorporate motion functions using servo motors and drives.

PLC Programming Software: B&R Automation Studio

PLC Training Course - B&R Automation Studio Integrated Motion Control (Programmers): (Pre) Knowledge

Students must have completed the B&R Automation Studio Basics course TM210, or have equivalent experience in the package.

They must also be familiar with principles of motion components such as servo motors, servo drives and drive communication networks.

Students must have a strong familiarity with the Windows operating system GUI.

PLC Training Course - B&R Automation Studio Integrated Motion Control (Programmers): Content

Participants will gain competency in adding motion functions to a B&R Automation project using Automation Studio software. The content covers drive components, configuration, diagnostics, data logging, commissioning practices and simulation.



PLC Training Course - B&R Automation Studio Integrated Motion Control (Programmers): Methods

ATS courses are given by highly qualified trainers, with practical knowledge, in professional ATS training centres or On-Site. Prior to the course an intake conversation can take place to define the participant(s) and the company's requirements. Presentations (theory and examples) as well as practical exercises bring the courses to life. ATS courses are interactive, the trainer will always make sure the training contents link back to your situation.

PLC Training Course - B&R Automation Studio Integrated Motion Control (Programmers): Specific Curriculum

Topics

Automation Studio integrates motion products like any other automation components. Drive configuration, programming, commissioning and diagnostics can all be performed using one tool. A high-performance simulation environment supplements these functions.

Lesson 1

- Understanding drive hardware and software
- Inserting and configuring drives in an Automation Studio project
- Drive configuration sections
- Commissioning and diagnostics environment



Lesson 2

- Parameter management
- Recording drive data in real-time
- Overview of commissioning
- Drive and motor simulation

