



PLC Training Course - B&R Automation Studio Basics Maintenance

197 TM920

PLC Training Course - B&R Automation Studio Basics Maintenance: Target Group

This course is intended for first-time B&R Automation users that will be responsible for system troubleshooting and diagnostics, and need an introduction to the B&R Automation platform and the available tools. It is a course for maintenance electricians and technicians.

PLC Programming Software: B&R Automation Studio

PLC Training Course - B&R Automation Studio Basics Maintenance: (Pre) Knowledge

Students should have attended [PLC - Introduction to PLCs](#) training course or equivalent, or demonstrate equivalent knowledge from experience.

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

PLC Training Course - B&R Automation Studio Basics Maintenance: Content

Participants will gain familiarity with the B&R system architecture, and a competency in using the Automation Studio software to perform typical maintenance activities including making online connection, program backup & restore, diagnostics and module replacement.



PLC Training Course - B&R Automation Studio Basics Maintenance: 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 Basics Maintenance: Specific Curriculum

Topics

Automation Studio is the universal engineering tool used to program and configure all B&R products. Operation is centred around configuring, programming and commissioning the B&R automation components.

Lesson 1

- B&R system overview and topologies
- Typical sources of errors on machines
- Serial numbers and model numbers
- Maintenance guidelines for B&R systems
- Ordering replacement parts and contacting manufacturer
- System Diagnostics Manager
- Saving system dump and logger

Lesson 2

- Runtime Utility Center



- Backing up and restoring Compact Flash
- Online connection & instruction lists
- Module replacement and documentation
- B&R website functions
- Exercise examples

