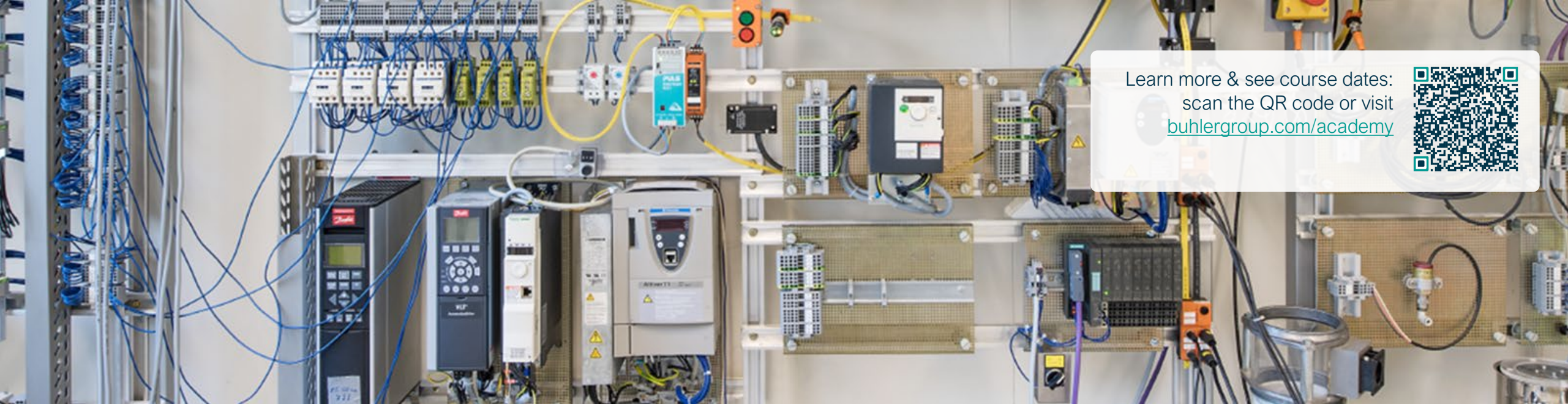




Learn more & see course dates:
scan the QR code or visit
buhlergroup.com/academy



Mechanical and electrical maintenance



What you will learn

You will learn how to efficiently maintain a grain mill. Learn about basic mechanical and electrical maintenance organization. How to change rolls and bearings, electrical fault finding and general machine maintenance.

But this isn't just theoretical training. You will also spend time in front of the machines, learning how to maintain them. You will also be able to take a close up look at some of the latest milling machines to see how they work.

Required skill level

Basic mechanical and electrical knowledge and technical skills. This course is well suited to mechanical and electrical maintenance staff.

Price

CHF 2'000.00 per person / 1 week

What is included

- Invitation letter for visa application
- Hands-on access to some of the latest milling machines
- Get to know key machines in our Training Center Hall and in our fully equipped school mill.
- Printed training documents
- One social event dinner
- Unlimited access to wi-fi and internet

Mechanical and electrical maintenance

Detailed program



Monday

Welcome at the Milling Academy

- Program introduction, administration and safety instruction
- Bühler factory tour including research centers

Scales and electronic devices

- Universal control system
- Hopper scales, flow scales and dosing scales
- Flow balancer, micro-doser

Tuesday

Machines in silo and cleaning

- Drum sieve, separator, air-recycling tarar
- Destoner, combined cleaning machine
- Scourer, intensive net aggregates

Service and maintenance

- Products and options for the operation and maintenance of a plant

Milling machines I

- Four-/eight-roller mill
- Practical roll change
- Explanations about rolls, fluting, fluting table
- Feeding rolls / belt drive

Social evening with dinner

Wednesday

Automation concept

- Control system overview, concept and functionality
- Decentralized peripherals (decentralized I/O system)
- Installation technologies (ASi bus system)

Visit of a regional mill

Thursday

Automation concept

- Control system overview, concept and functionality
- Decentralized peripherals (decentralized I/O system)
- Installation technologies (ASi bus system)

Friday

Milling machines II

- Different types of plansifters incl. belt change
- Semolina purifier, bran finisher, impact detacher

Aspiration/Pneumatics

- Filters, airlocks, chain conveyors, elevator

General

- Organization of maintenance, spare parts

Working hours

08.00 – 09.30 / 10.00 – 12.00
13.15 – 15.00 / 15.15 – 17.00

We reserve the right to adjust the schedule for organizational reasons.

Secure your seat now:
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