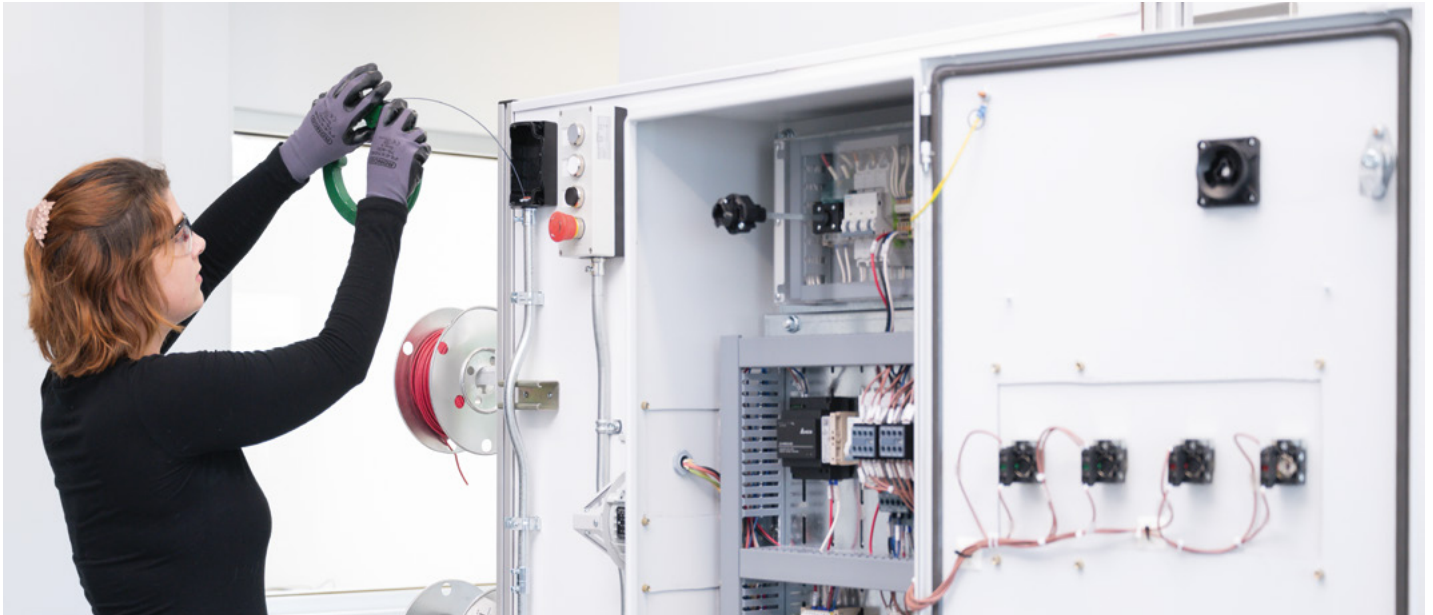


Industrial Wiring

A turnkey project that builds proficiency with electrical installations

FESTO



Highlights

- Complete, compact solution with a project-based course
- Three-phase power
- Built-in safety components
- Rigid or flexible conduits
- Optional package for bending geometry
- Modular solution that fits various needs and budgets
- Industry-standard electrical drawings

Proper industrial wiring creates safe, efficient, and code-compliant electrical systems that meet the needs of industrial facilities and minimizes risks of hazards, downtime, and equipment failure.

Developing proficiency in industrial wiring is especially important for **panel builders, industrial electricians, and electrical and maintenance technicians.**

They require a sound understanding of diagrams and schematics, and the mastery of common wiring tools and techniques to work safely and effectively.

The Industrial Wiring learning solution **imparts all wiring essential competencies** in a compact and safe environment.

Learners gain wiring expertise to build, commission, modify, and troubleshoot a typical industrial electrical installation.

The project approach is stimulating and allows for the development of soft skills, such as work organization and communication.

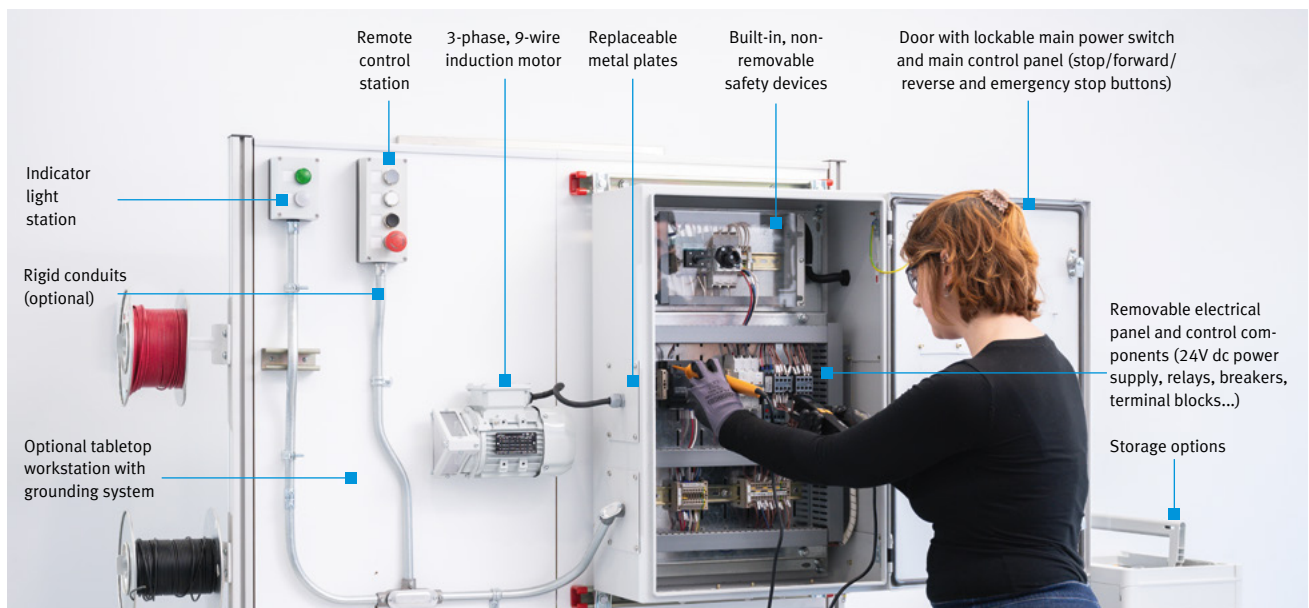
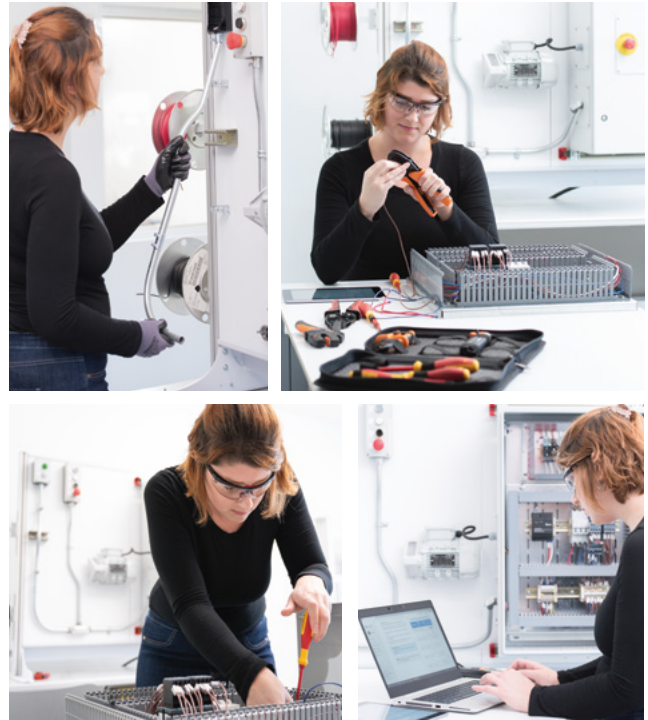


Offer a stimulating training opportunity with a real-life work scenario.

The course, available on Festo LX or as a workbook, guides learners in the installation of a three-phase induction motor control system, from start to finish. Learners hone their skills through varied hands-on tasks:

- Punching and deburring metal components
- Installing the motor, enclosures, and components
- Cutting, bending, and installing rigid or flexible conduits
- Stripping, crimping, labelling, and connecting wires
- Running wires through conduits
- Mounting and wiring the electrical panel
- Installing rails, racks, and control components
- Commissioning and troubleshooting the installation
- Preparing a maintenance checklist and a report
- And more

Various options can be added to the basic industrial wiring system to meet specific training requirements. The equipment's open design also enables teachers to incorporate additional components for customized projects.



Watch the video presentation:
→ bit.ly/IndustrialWiringIntro