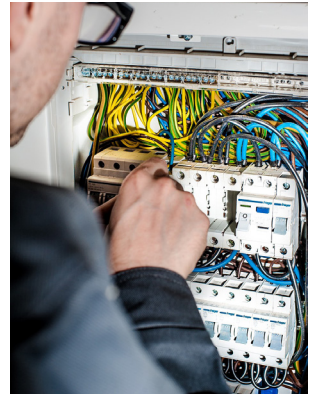


Operating on cable lines with the voltage under 1kV

This course is designed for professional electricians, who provide individual services, work in the manufacture or deal with power distribution. The course will help to avoid mistakes, when mounting electric-power transmission system, thus ensuring a pure transmission.

The aim of the course

The aim of the course is to provide knowledge of how to mount cables of low voltage, as well as how to apply various technologies of mounting of coupling joints, tie joints, transition joints, cable terminations and plug connectors.



Course content

- ▶ History, basic concepts, materials applied in cable production
- ▶ Most frequently used cables of low and medium voltage
- ▶ Cable labelling
- ▶ Cable selection and cable laying
- ▶ Construction of entrance cable
- ▶ Cable installations in rooms and switch boxes
- ▶ Operating of cables with plastic and paper-oil insulation; relevant instruments
- ▶ Low voltage cable connection technologies
- ▶ Materials for cables mounting
- ▶ Cable termination and mounting of sleeves
- ▶ Mounting of coupling joints, tie joints, transition joints, cable terminations and plug connectors, applying the modern technologies in the working process.

Target audience

The course is designed for professional electricians who provide customized services or whose work is connected to electricity generation, transmission, distribution and power companies.

Prerequisite skills and knowledge

The course may be initiated by persons with completed professional technical education in the field of electrical energy and work experience in the company.

Issued documents

After completing the course and successfully passing an exam a person acquires a certificate issued by TÜV Rheinland Akademie.

Course duration

40 academic hours

Price for the course

600,00 €

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