
Elektrikar SI/električarka SI

Selected qualifications

Name of qualification	Elektrikar SI/električarka SI
Translated title (no legal status)	Electrician SI
Type of qualification	Srednja poklicna izobrazba
Category of qualification	Izobrazba
Type of education	Upper secondary vocational education
Duration	3 years
Credits	189 credits
Admission requirements	<ul style="list-style-type: none">• Elementary education or• lower vocational education or• equivalent education under previous regulations.
ISCED field	Field Tehnika, proizvodne tehnologije in gradbeništvo
ISCED subfield	subfield elektrotehnika in energetika

Qualification level

SQF 4
EQF 4

Learning outcomes

Certificate holders will be able to:

- use information technology to formulate, prepare and archive basic documents and documentation according to prescribed instructions;
- calculate parameters and prepare, compile and perform measurements on basic electrical assemblies,
- connect users and carry out protection, measurements and basic maintenance on electrical devices, communications installations and equipment,
- implement, connect and set parameters and correct programs in control relay modules.

Elective:

- connect and maintain elements of low-voltage electrical network,
- provide advice on the introduction of measures for the efficient use of energy and the use of renewable energy,
- connect, maintain, troubleshoot and repair electric motor drives,
- build and assemble less complex electronic assemblies using supplied documentation,
- maintain electronic assemblies,
- select, install, assemble and wire sensors and measurement transducers and carry out adaptations;
- assemble, connect, carry out basic measurements, program and test the operation of intelligent installations,
- assemble and maintain solar and photovoltaic systems and heat pumps.

The programme is adapted for provision in Slovene as the language of instruction in the ethnically mixed area of Slovenian Istria and also has the following special objectives:

- to develop communication skills in Italian and Slovene,
- to develop knowledge of the natural, cultural and historical heritage of the Italian national community and its mother nation,
- to teach respect for and understanding of ethnic and cultural diversity and promote cooperation between members of the Slovene nation and Italian national community. Certificate holders build on their key vocational knowledge and abilities with key general knowledge in line with national standards.

Assessment and completion

Students' vocational competences and skills, and the fulfilment of conditions to obtain credits in accordance with the education programme are established through testing and assessment. Assessment of students also takes into account non-formally acquired knowledge, which must be adequately demonstrated. Students are assessed using scores from 5 (excellent) to 1 (inadequate).

Progression

Students may progress to the next year if at the end of the academic year they achieve a positive assessment in all general education subjects and relevant vocational modules set out in the school's operational curriculum and have completed all extracurricular activities and work placement requirements.

Transitions

Secondary technical, vocational or vocational-technical education; master craftsman/foreman/shop manager examination (SQF level 5).

Condition for obtaining certificate

Students must successfully (i.e. with positive scores) complete general education subjects, compulsory and elective vocational modules, and the open part of the curriculum. They must also complete extracurricular activities and work placement requirements and pass the vocational matura examination. The vocational matura comprises a compulsory section (written and oral examinations in Slovene and healthcare) and an elective section (written and oral examination in mathematics, a foreign language or Italian, and service with oral presentation).

Awarding body

Secondary vocational and technical schools.

URL

<https://paka3.mss.edus.si/registriweb/ProgramPodatki.aspx?ProgramId=8823>
