


Archived

Elektrikar/električarka

Selected qualifications

Magister inženir daljinskega vodenja/Magistrica inženirka daljinskega vodenja 

Name of qualification	Elektrikar/električarka
Translated title (no legal status)	Electrician
Type of qualification	Srednja poklicna izobrazba
Category of qualification	Izobrazba
Type of education	Upper secondary vocational education
Duration	3 years
Credits	180 credits
Admission requirements	<ul style="list-style-type: none">• Elementary school 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:

- Functioning of electrical energy systems and connections of electric motors
- 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;
- Electronic assemblies and the capture and processing of process variables;
- 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;
- Installation of intelligent installations
- assemble, connect, carry out basic measurements, program and test the operation of intelligent installations;
- Renewable energy sources
- assemble and maintain solar and photovoltaic systems and heat pumps.

Certificate holders build on their key vocational knowledge and abilities with key general knowledge in line with national standards.

Assessment and completion

Students' vocational abilities and skills and the fulfilment of conditions to obtain credits in accordance with the relevant education programme are established through verification 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 a higher year if at the end of the academic year they achieve a positive score in all general education subjects and technical modules for the year as set out in the school's operational curriculum, and have completed all extracurricular activities and practical on-the-job training, or progress on the basis of a programme faculty decision. For students with individual learning agreements, passing an intermediate test is a condition for progression from the second year to the third year.

Transitions

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

Condition for obtaining certificate

In order to complete the programme and obtain the qualification, students must obtain passing grades in: general education subjects, compulsory technical modules, elective technical modules and the open part of the curriculum. They must also complete extracurricular activities and work placement requirements and pass a school-leaving examination.

The school-leaving examination comprises a written and oral examination in Slovene, a service and an oral presentation.

Awarding body

Vocational and technical secondary schools and adult education institutions.

URL

<https://paka3.mss.edus.si/registriweb/ProgramPodatki.aspx?ProgramID=5746>
