
Archived

Oblikovalec kovin- orodjar/oblikovalka kovin- orodjarka

Selected qualifications

Name of qualification	Oblikovalec kovin-orodjar/oblikovalka kovin-orodjarka
Translated title (no legal status)	Metal Sharper-Toolmaker
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

- Elementary school education or
- lower vocational education, or
- equivalent education under previous regulations.

ISCED field

Field
Tehnika, proizvodne tehnologije in gradbeništvo

ISCED subfield

subfield metalurgija, strojništvo in kovinarstvo

Qualification level

SQF 4
EQF 4

Learning outcomes

Certificate holders will be able to:

- carry out various manual and mechanical processes for cutting, forming and joining metallic and non-metallic materials;
- manufacture products, change tools and workpieces and set technological parameters on conventional and CNC machines;
- carry out hot and cold forming processes with an emphasis on sheet metal, profiles and pipes;
- select the appropriate material, machine tool and machining process with regard to the requirements of the product;
- select or order the appropriate cutting tool and equipment for a machine tool;
- use the measuring and control devices, tools and machines that are used in the manufacture and assembly of structures;
- use appropriate measuring devices to take technical and technological measurements;
- assemble, protect and maintain steel structures;
- plan, assemble, connect and operate simple control systems and work processes or systems;
- produce, read and understand simple technical documentation;
- implement protective measures for safe work and actively protect own health;
- show a positive attitude towards measures to reduce pollution, improve protection of the environment and promote the rational use of energy and materials;
- use modern information technology and user software in their vocational field (word processor and spreadsheets, email, control software for machines, diagnostic devices, monitoring of production/work);
- demonstrate understanding of the roles of entrepreneurship, costs management and calculations;

(elective)

- manufacture simple machine parts using various machines and cutting processes;
- select special machining and manufacturing processes for the desired product or intermediate product;
- select a suitable technological process and manufacture the component parts of tools using the machines, tools and devices that are used in toolmaking;
- manufacture, assemble and test tools and preparations for the installation, set-up and orientation of measuring and control components of a tool assembly

Certificate holders supplement 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 grades 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

Students must successfully (i.e. with passing grades) complete all general education subjects, compulsory vocational modules and elective vocational modules and the open part of the curriculum. They must also complete all extracurricular activities, practical on-the-job training 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=5798>
