

## 1. TITLE OF THE CERTIFICATE AND OF THE EDUCATION PROGRAMME (SL) <sup>(1)</sup>

**Spričevalo o poklicni maturi po izobraževalnem programu:**

**AVTOSERVISNI TEHNIK**

(ID: 411481)

<sup>(1)</sup> In native language.

## 2. TRANSLATED TITLE OF THE CERTIFICATE AND OF THE EDUCATION PROGRAMME (EN) <sup>(1)</sup>

**School-leaving certificate:**

**AUTOMOTIVE SERVICE TECHNICIAN**

<sup>(1)</sup> This translation has no legal status.

## 3. ACQUIRED KNOWLEDGE, SKILLS AND PROFESSIONAL COMPETENCES

The holder of the certificate is qualified to:

- control the function of various engines by using diagnostic devices;
- systematically search and localise errors or malfunctions and methodically diagnose the state of the vehicle by using measuring tools and devices;
- test vehicles, set them in accordance with the manufacturers' technical specifications, eliminate functional errors in engines;
- use specialist terminology, process data in order to acquire information, manage service documentation;
- study and use technical and technological documentation as well as technical plans and instructions issued by manufacturers;
- maintain and service mechanical, pneumatic, hydraulic, electric and electronic systems, devices and sections;
- control and assess the level of tear and wear as well as usefulness of parts, while considering optimum function, and select procedures or repair technology;
- plan economically justified operations on a vehicle, prepare calculations and calculate the cost of repair or operations on vehicles;
- install, maintain and repair comfort, safety and information systems as well as additional equipment for vehicles;
- provide advice for customers in selecting or purchasing vehicles and explain the necessary repair and maintenance work to them;
- assess the scope and type of damage on vehicles, localise and eliminate errors;
- implement and ensure health and occupational safety as well as environment protection measures.

Optional:

- diagnose the function of electric and electronic devices, determine the point of error on electronic parts and repair them;
- measure dimensions and determine the state of individual elements within electronic systems, devices and sections.
- test and systematically identify and eliminate errors in the injection or ignition system and systems supporting the motor's function;
- measure exhaust gas emissions and analyse and evaluate measurement results.
- test the function of elements of clutches, gear changes, reduction gears, differentials and transmission shafts or transmission systems;
- maintain, service or install mechanical, pneumatic and hydraulic systems and devices on the vehicle by following the manufacturer's documentation.
- maintain and service the vehicle's braking system, set and change individual parts and sections;
- diagnose by means of measuring equipment and by following the servicing documentation, as well as eliminate errors in braking systems and sections.
- identify and determine points of error on electric equipment, auxiliary electric and steering systems, and engine start-up and power supply systems;
- maintain and service the vehicle's electric equipment by means of measurement and control instruments, devices, tools and aids.
- diagnose, measure, control, set, maintain and repair the vehicle's heating and air-conditioning systems;
- set and maintain the vehicle's passive and active safety systems and eliminate errors occurring on those systems.

In addition, the holder of the certificate also upgraded his/her key professional skills and competences with key general knowledge and skills in line with national standards.

## 4. RANGE OF OCCUPATIONS ACCESSIBLE TO HOLDER OF THE CERTIFICATE

The holder of the certificate can find employment in the areas of diagnostics and maintenance of vehicles and technical inspection and valuations of vehicles; automotive service and vulcanisation workshops; motor vehicle production companies; the commerce activities for vehicles, car parts and car accessories.

### <sup>(1)</sup> Explanatory note

This document is designed to provide additional information about the specified certificate and does not have any legal status in itself. The format of the description is based on the following texts: Council Resolution 93/C 49/01 of 3 December 1992 on the transparency of qualifications, Council Resolution 96/C 224/04 of 15 July 1996 on the transparency of vocational training certificates, and Recommendation 2001/613/EC of the European Parliament and of the Council of 10 July 2001 on mobility within the Community for students, persons undergoing training, volunteers, teachers and trainers.

More information available at: <http://europass.cedefop.eu.int>

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5. OFFICIAL BASIS OF THE CERTIFICATE	
<p><b>Name and status of the body awarding the certificate</b></p> <p>The institution is accredited with the Ministry of Education, Science and Sport.</p>	<p><b>Name and status of the national/regional authority providing accreditation/recognition of the certificate</b></p> <p>Ministry of Education, Science and Sport Masarykova 16 SI-1000 Ljubljana www.mizs.gov.si</p>
<p><b>Level of the certificate (national or international)</b></p> <p>Upper Secondary Technical Education Slovenian Qualification Framework: SOK 5 European Qualification Framework: EQF 4 ISCED 2011: 354</p>	<p><b>Grading scale</b></p> <p>5 – excellent 4 – very good 3 – good 2 – sufficient</p>
<p><b>Access to next level of education/training</b></p> <p>Education programme completed with the Vocational Matura exam enables enrolment to higher vocational and professional study programmes. Passing an additional General Matura exam is required to enrol to one of the university study programmes, which allow this possibility.</p>	<p><b>International agreements</b></p> <p>The Republic of Slovenia has concluded agreements on the recognition of education with individual countries. The relevant information is available at ENIC/NARIC - the National Academic Recognition Information Centre.</p>
<p><b>Legal basis</b></p> <p>Organisation and Financing of Education Act Vocational and Technical Education Act</p>	
6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE	
Time of the education	2 years
Number of credits <sup>1</sup>	120 credits
General education	60 credits
Professional education	36 credits
Practical education at the employer	4 credits
Extracurricular activities	4 credits
Open curriculum <sup>2</sup>	12 credits
Vocational matura	4 credits
<p><b>Entry requirements</b></p> <p>The programme can be attended by anyone who has completed the programme of secondary vocational education and acquired one of the following titles: car mechatronic, vehicle body repairer, car painter, car mechanic, car tinsmith or installer of machine installations, tinsmith-roofer, construction mechanic, toolmaker, machine mechanic, metal shaper, precision mechanic, watchmaker, electrician/electronic engineer, electrician/energetic engineer, industrial mechanic, computer operator, with three years of work experience in the automotive. Anyone who acquired an equal level of education in line with previous regulations may also enter this education programme.</p>	
<p><b>Additional information</b></p> <ul style="list-style-type: none"> <li>– Ministry of Education, Science and Sport (<a href="http://www.mizs.gov.si">www.mizs.gov.si</a>): Education programme and description of education and schooling in Slovenia</li> <li>– National Reference Point for Vocational Qualifications - NRP (<a href="http://www.nrpslo.org">www.nrpslo.org</a>)</li> <li>– National Europass Centre (<a href="http://www.europass.si">www.europass.si</a>)</li> </ul>	

<sup>1</sup> One credit equals 25 hours of candidate's work.

<sup>2</sup> Goals of the open curriculum are defined by schools in cooperation with companies on a local/regional level.

## 7. A DETAILED DESCRIPTION OF EDUCATION

### GENERAL EDUCATION:

1. Slovene (13 credits)
2. Mathematics (10 credits)
3. Foreign language (13 credits)
4. Art (2 credits)
5. History (2 credits)
6. Geography (2 credits)
7. Sociology or psychology (2 credits)
8. Physics (2 credits)
9. Biology (2 credits)
10. Chemistry (2 credits)
11. Informatics (3 credits)
12. Physical education (7 credits)

### PROFESSIONAL EDUCATION:

#### Mandatory Modules (21 credits)

1. Drive aggregates (3 credits)
2. Motor vehicle chassis (5 credits)
3. Electric and electronic systems (5 credits)
4. Bodywork repair and maintenance (5 credits)
5. Business and work organisation (3 credits)

#### Optional Modules (15 credits)

6. Motor vehicle electronic systems (5 credits)
7. Motor diagnostics (5 credits)
8. Motor vehicle transmission systems (5 credits)
9. Motor vehicle braking systems (5 credits)
10. Electric equipment of vehicles (5 credits)
11. Bodywork equipment and electronics (5 credits)

### OPEN CURRICULUM (12 credits):

The open curriculum is determined by the school in cooperation with companies on the local level.

### PRACTICAL EDUCATION:

1. Practical training in school
2. Practical training through work placement at the employer

### EXTRACURRICULAR ACTIVITIES (4 credits):

Extracurricular activities involve compulsory activities, programme-related content and electives.

### VOCATIONAL MATURA:

#### Mandatory part:

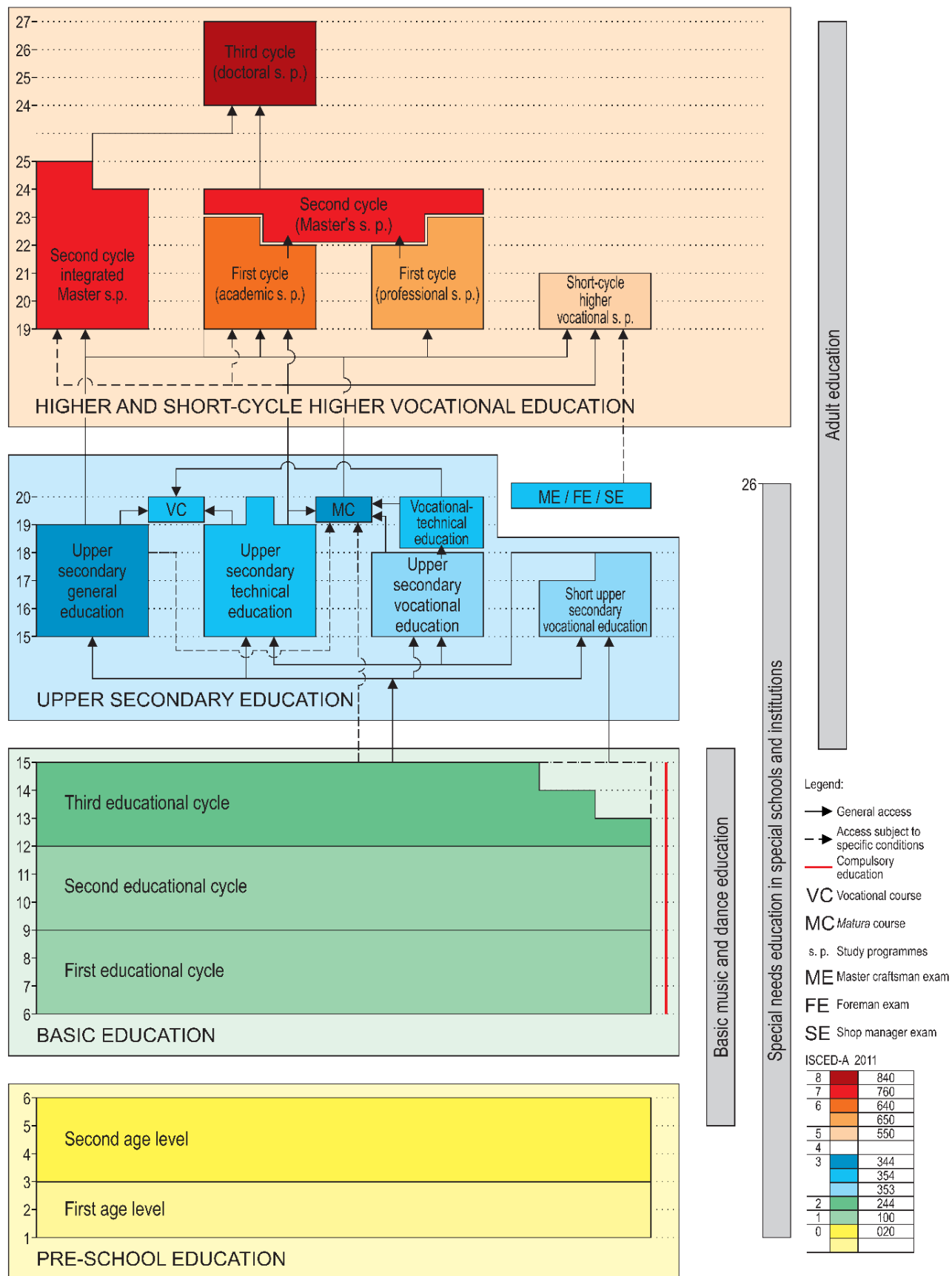
- written and oral exam of Slovenian language,
- written and oral exam in Car mechatronics.

#### Optional part:

- written and oral exam in a Foreign language or Mathematics,
- presenting and defending a project or service (4 credits):

### OTHER NOTES:

# STRUCTURE OF THE EDUCATION SYSTEM IN THE REPUBLIC OF SLOVENIA



From school/academic year 2016/2017