

Name and Head Office of the School Awarding the Certificate:

CERTIFICATE SUPPLEMENT

VOCATIONAL MATURA

(Surname and first name)

(Date and place of birth)

Certificate No.:

Signature of the competent person:

Place and date of issue:

.....

1. TITLE OF THE CERTIFICATE AND OF THE EDUCATION PROGRAMME (SL) ⁽¹⁾

Spričevalo o poklicni maturi po izobraževalnem programu:

TEHNIK MEHATRONIKE

(ID: 234227)

⁽¹⁾ In native language.

2. TRANSLATED TITLE OF THE CERTIFICATE AND OF THE EDUCATION PROGRAMME (EN) ⁽¹⁾

**School-leaving certificate:
TECHNICIAN OF MECHATRONIC**

(ID: 234227)

⁽¹⁾ This translation has no legal status.

3. ACQUIRED KNOWLEDGE, SKILLS AND PROFESSIONAL COMPETENCES

The holder of the certificate is qualified to:

- use and understand technical plans;
- use information systems in technological processes;
- provide for automation of technological processes for maintaining technological systems;
- determine lifting and load capacity of construction elements;
- use hydraulic and mechanical elements or systems, and electrical machines or appliances;
- construct mechatronic systems and plan assembly and disassembly of mechatronic systems;
- diagnose errors and perform simple repairs of mechatronic systems;
- programme less complex applications in different programme languages;
- integrate the information system with production process;
- maintain equipment and applications by integrating information system with production processes;
- design controls and regulations, and plan pneumatic and hydraulic controls;
- use and plan digital wiring, microcontroller, PLC control and sensory elements.

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 at:

- industry or craft trade with industrial or technological processes;
- industry or craft trade employing automation of production processes;
- work establishments in maintenance and modification of production lines and appliances.

⁽¹⁾ 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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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) or
7. Sociology (2 credits) or
8. Psychology (2 credits)
9. Physics (4 credits)
10. Chemistry (2 credits)
11. Informatics (3 credits)
12. Physical education (7 credits)

PROFESSIONAL EDUCATION:

Mandatory Models in Specialist Education (36 credits)

1. Technical communication (2 credits)
2. Technological processes (2 credits)
3. Mechatronics (15 credits)
4. Information systems (7 credits)
5. Control and regulation systems (10 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

EXTRACURRICULAR ACTIVITIES (4 credits):

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

VOCATIONAL MATURA:

Mandatory part:

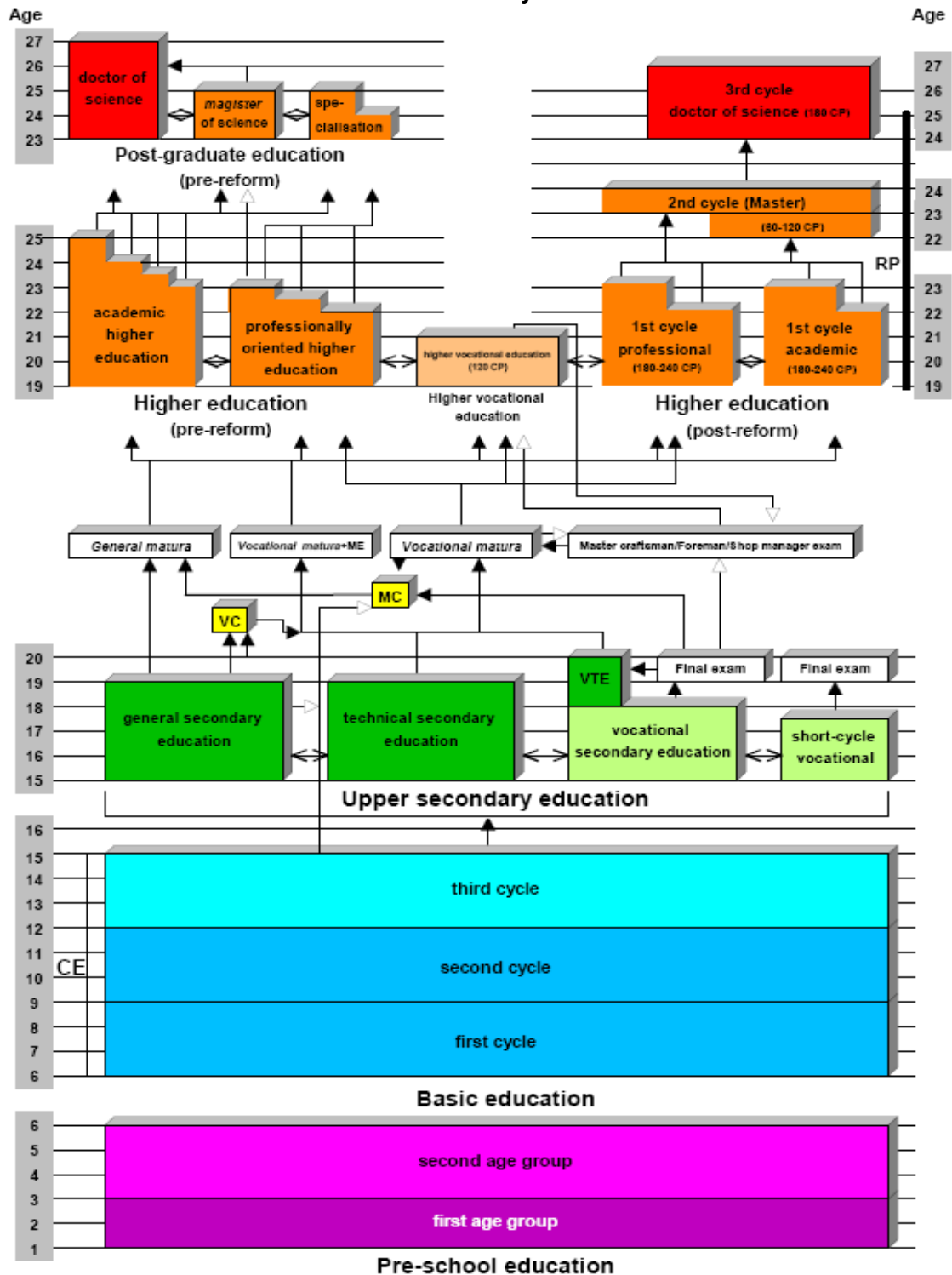
- written and oral exam of Slovenian language
- written and oral exam in Mechatronics.

Optional part:

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

OTHER NOTES:

The Structure for the Education System in Slovenia 2011/12



Legend: CE - compulsory education RP - study programmes according to EU directives (regulated professions) CP - credit points
 ← general access ◁ access under certain conditions VTE - vocational-technical education VC - vocational course
 ↔ transfer MC - matura course ME - additional exam in one matura subject