

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:

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

Spričevalo o poklicni maturi po izobraževalnem programu:

GEOTEHNIK

(ID: 328783)

⁽¹⁾ In native language.

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

School-leaving certificate:

GEOMINING TECHNICIAN

(ID: 328783)

⁽¹⁾ This translation has no legal status.

3. ACQUIRED KNOWLEDGE, SKILLS AND PROFESSIONAL COMPETENCES

The holder of the certificate is qualified to:

- use expertise, IT and software tools in the resolution of real practical problems in the discipline;
- employ technical terminology, process data in order to obtain information and keep technical and technology documentation;
- examine and use technical and technology documentation, technical regulations, standards and technical plans when carrying out mining, geotechnical and geotechnological works;
- prepare the plan for the use of drilling tools, tools, machines, appliances and measurement instruments while performing mining and geotechnical works;
- put in place ventilation and drainage systems in mining and geotechnical facilities;
- identify cave ventilation characteristics and perform ventilation and water parameter measurements;
- examine geological structure of the rock;
- assess the sliding of escarpes, avalanche area and dykes as well as their rehabilitation;
- conduct cave measurement surveying measurements and assess results;
- perform the sampling of dumping areas and landfill leachate waters and environmental mining monitoring;
- conduct technological preparation processes for the extraction of mineral raw materials and fossil fuels;
- carry out technological processes for the construction of underground areas, tunnels and shafts;
- perform drilling and blasting works in mining and geo-mining technology;
- perform procedures pertaining to storage, deposit and transport of raw materials;
- carry out technological processes in the rehabilitation and recultivation of areas and underground areas;
- take into consideration sustainable development when performing the activities affecting the physical environment;
- carry out and provide for measures in relation to health and safety at work as well as environmental protection;
- act economically, responsibly and socially in the working environment;

Optional:

- conduct technology processes of the enrichment and processing of mineral, fossil and secondary raw materials;
- use and maintain production and transport systems;
- carry out field and lab geo-mechanical procedures.

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:

- areas pertaining to underground and surface mining as well as geotechnical and geotechnological works;
- areas pertaining to the extraction of mineral raw materials and fossil fuels as well as the processing of secondary raw materials;
- construction of underground facilities, tunnels, roads, cuttings, dumping areas and landfills, restoration of railways and rehabilitation of brown field areas;
- blasting, pyrotechnic, geotechnical, geological and geo-drilling activities.

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

PROFESSIONAL EDUCATION:

Mandatory Models in Specialist Education (30 credits)

1. Rehabilitation and recultivation of mining areas (4 credits)
2. Sustainable development and rational use of energy (5 credits)
3. Ventilation and drainage of facilities from mining works (7 credits)
4. Mining and land surveying measurements (11 credits)
5. Soil and rock research (3 credits)

Optional Models in Specialist Education (7 credits)

6. Processing of mineral raw materials (7 credits)
7. Performing cave transport and extraction (7 credits)
8. Geotechnical measurements and lab tests of soil, rock and materials (7 credits)

OPEN CURRICULUM (11 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:

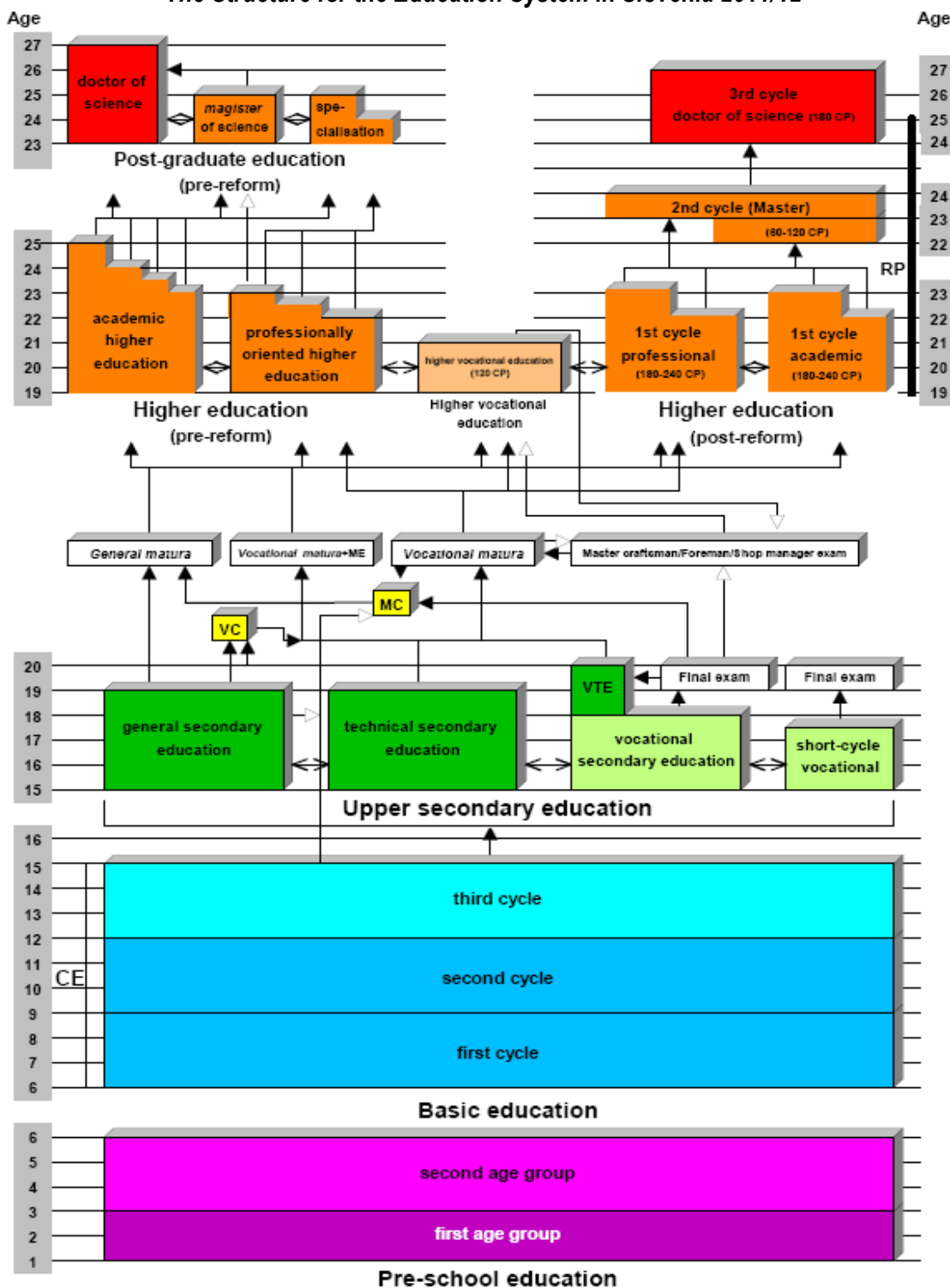
- written and oral exam of Slovenian language
- written and oral exam in Mining works with ventilation and drainage.

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