europass

EUROPASS CERTIFICATE SUPPLEMENT (*)

Czech Republic

1. TITLE OF THE CERTIFICATE (CZ)(1)

Vysvědčení o maturitní zkoušce z oboru vzdělání:
18-20-M/01 Informační technologie (denní studium)

(1) In the original language

2. TRANSLATED TITLE OF THE CERTIFICATE(2)

Maturita Certificate in:
18-20-M/01 Information Technology (full-time study)

(2) This translation has no legal status.

3. PROFILE OF SKILLS AND COMPETENCES

General competences:

- be familiar with various methods of learning, use sources of information well, show functional literacy;
- understand assignments or identify the cores of problems, exert variable solutions, work both independently and within a team;
- communicate in one foreign language at the level of at least B1 of the Common European Framework of Reference for Languages;
- cope with changing socio-economic conditions, be financially literate;
- be aware of the labour market mechanisms, and of the employee-employer relationships, act on career decisions responsibly, understand the significance of lifelong learning;
- use basic mathematics and the basic principles of physics and chemistry when needed in daily situations;
- work with the means of information and communication technologies, exploit adequate sources of information, handle information effectively;
- act in an environmentally-conscious manner and in compliance with strategies for sustainability;
- support values of local, national, European and world cultures, recognize the value of life;
- exert fundamentals of health protection, occupational safety, and fire prevention and safety;
- exert norms and prescriptions in the field.

Vocational competences:

- select the balanced HW solutions with regard to their function, parameters and suitability for the intended use;
- assemble and revival of assemblies including the peripheral devices;
- secure HW fault detection & troubleshooting and upgrade;
- select the appropriate operating system with regard to its intended use;
- install, configure and manage the operating system in response to the user's objective needs;
- design and apply an appropriate data security system protecting data from misuse and data protection against destruction;
- select an appropriate software with regard to its intended use;
- install, configure and manage an application software;
- use common application software, especially the so-called office applications;
- support users when working with the basic and application software;
- design and implement computer networks with regard to their intended use;
- secure network element configuration;
- provide computer network administration;
- arrange algorithmization of tasks and creation of applications in a development environment;
- secure an implementation of database solutions;
- create a website.

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

Depending on the specialization of the school, graduates can find a job in particular in the areas of design, implementation and maintenance of HW solutions, application programming and development, installation and management of operating systems and application software, design, implementation and administration of networks, IT sales and related consultancy, general as well as specialized support for IT users.
Possible occupations for graduates are IT technician, user support specialist, programmer, application manager, operating system administrator, network administrator, IT equipment dealer, and so on.

5. OFFICIAL BASIS OF THE CERTIFICATE

Name and status of the body awarding the certificate
Střední průmyslová škola elektrotechniky a informatiky, Ostrava, příspěvková organizace
Kratochvílova 1490/7
Ostrava - Moravská Ostrava
702 00
CZ
public school

Name and status of the national/regional authority providing accreditation/recognition of the certificate
Ministry of Education, Youth and Sports
Karmelitská 7
118 12 Praha 1
Czech Republic

Level of the certificate (national or international)

Upper secondary education completed by the Maturita examination
ISCED 354, EQF 4

Grading scale

Result in the general section – success rate in % Czech language and literature, foreign language:
more than 87 % to 100 % excellent - 1
more than 73 % to 87 % commendable - 2
more than 58 % to 73 % good - 3
44 % to 58 % sufficient - 4
0 % and less than 44 % insufficient - 5
Mathematics and Advanced Mathematics:
more than 85 % to 100 % excellent - 1
more than 67 % to 85 % commendable - 2
more than 49 % to 67 % good - 3
33 % to 49 % sufficient - 4
0 % and less than 33 % insufficient - 5

Pass requirements
1 excellent (výborný)
2 very good (chvalitebný)
3 good (dobrý)
4 satisfactory (dostatečný)
5 fail (nedostatečný)
Overall assessment:
Prospěl s vyznamenáním: Pass with Honours (the average mark is ≤ 1,5)
Prospěl: Pass (an examination mark is not worse than 4)
Neprospěl: Fail (the examination mark in one or more subjects is 5)

Access to next level of education / training
ISCED 655/645/746, EQF 6 and EQF 7
(EQF7 only for Long first degree programmes at Master's)

International agreements

Legal basis
Law No. 561/2004 on Pre-school, Basic, Secondary, Post-secondary and Other Education (School Act) as amended by later regulations
Ss. 22 and 24 of the Decree No. 177/2009 Coll., on Detailed Conditions for Completing Education by the School-leaving Examination in Secondary Schools, as amended.

6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE

Description of vocational education and training received	Percentage of total programme	Duration
• School- / training centre-based	The ratio between theoretical education and practical training is defined by education providers themselves with regard to the respective educational programme and the employers´ needs.	
• Workplace-based		
• Accredited prior learning		
Total duration of the education / training leading to the certificate		**4 years** / 4 096 lessons

Entry requirements
Completed compulsory school education

Additional information
More information (including a description of the national qualifications system) available at: EQF, EURYDICE, NPI

National Pedagogical Institute of the Czech Republic – National Europass Centre Czech Republic, Senovážné nám. 872/25, 110 00 Praha 1

stamp and signature
Done at Prague for the school year 2024/2025

(*) **Explanatory note**
The Certificate supplement provides additional information about the certificate and does not have any legal status in itself. Its format is based on the Decision (EU) 2018/646 of the European Parliament and of the Council of 18 April 2018 on a common framework for the provision of better services for skills and qualifications (Europass) and repealing Decision No 2241/2004/EC.
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