europass

EUROPASS CERTIFICATE SUPPLEMENT (*)

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:

- master different ways of learning and take responsibility for the development of one's own potential in a lifelong perspective;
- understand tasks or identify the core of a problem, apply various solutions, work independently and in a team;
- apply advanced reading literacy skills to work effectively with information and to critically evaluate and interpret texts;
- communicate in one foreign language at least at B1 level according to the Common European Framework of Reference for Languages (CEFR), and actively develop one's own language skills;
- apply scientific, technical, IT and mathematical knowledge, skills and procedures in practical contexts and in solving problems in various areas of life;
- work safely and at an advanced level with digital technologies and their software, and keep up with their development;
- search for, process and critically evaluate information, use algorithmic thinking, communicate and collaborate in online environments, and create digital content and models;
- understand the basic principles of information systems, analyse their structure and functions, design data models and adapt interfaces to user needs;
- be well versed in different social and value systems, as well as social, political, legal and economic processes of everyday life, and demonstrate financial and media literacy;
- adapt to changing social, economic and technological conditions, and make responsible economic decisions;
- strive for the highest quality of one's own work, services and products in accordance with technological procedures and quality standards;
- choose optimal solutions in real-life work and personal situations based on the interconnection of environmental, economic and social factors;
- observe the principles of occupational health and safety, and fire protection.

Vocational competences:

- select balanced HW solutions with regard to their function, parameters and suitability for the intended use, identify and resolve hardware issues, perform hardware upgrades;
- assemble and revive assemblies including peripherals devices;
- 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 destruction;
- select the appropriate software with regard to its intended use;
- install, configure, use and manage application software;
- support users in working with basic and application software;
- design and implement computer networks with regard to their intended use;
- configure network elements;
- administer computer networks;
- arrange algorithmization of tasks and create applications in a development environment;
- implement database solutions;
- create and manage websites;
- design and implement solutions with respect to cybersecurity principles;
- test and verify the quality of programs, including their user interfaces.

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

Depending on the specialization offered by the school, graduates can find employment primarily in the areas of design, implementation and maintenance of HW solutions, programming and development of user, database and web solutions, implementation and administration of networks, maintenance of IT resources, design of suitable systems for data protection and security, sales of IT resources including consulting, general and specialized support for users of IT resources.

Possible occupations for graduates are: programmer (development and maintenance of HW and software applications, websites or mobile applications), computer network administrator, IT technician, database administrator, cybersecurity specialist, information systems analyst, IT equipment dealer, etc.

5. OFFICIAL BASIS OF THE CERTIFICATE

<table>
<tr>
<td colspan="2">Name and status of the body awarding the certificate
Střední odborná škola a Střední odborné učiliště obchodu a služeb, Chrudim, Čáslavská 205
Čáslavská 205
Chrudim
53701
CZ
public school</td>
<td colspan="2">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</td>
</tr>
<tr>
<td rowspan="2">Level of the certificate (national or international)

Upper secondary education completed by the Maturita examination
ISCED 354, EQF 4</td>
<td colspan="3">Grading scale / Pass requirements</td>
</tr>
<tr>
<td colspan="2">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</td>
<td>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)</td>
</tr>
<tr>
<td colspan="2">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)</td>
<td>International agreements</td>
</tr>
<tr>
<td colspan="3">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.</td>
</tr>
</table>

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 **Prague, 30. 6. 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.

© European Union, 2002-2025 | https://www.europass.eu, https://www.europass.cz