

1. TITLE OF THE CERTIFICATE (CZ)⁽¹⁾

**Vysvědčení o maturitní zkoušce z oboru vzdělání:
36-46-M/01 Geodézie a katastr nemovitostí (denní studium)**

⁽¹⁾ In the original language

2. TRANSLATED TITLE OF THE CERTIFICATE⁽²⁾

**Maturita Certificate in:
36-46-M/01 Geodesy and The Real Estate Cadastre (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:

- demonstrate good habits when using geodesic devices and tools;
- use theoretical and practical skills for polarization of planimetric and elevation;
- target materials for line construction (longitudinal and transverse profiles);
- implement the project alignment of the building;
- focus and evaluate the deformation of constructions;
- evaluate terrestrial and aerial photos;
- focus and process geometric plans;
- demonstrate theoretical knowledge of coordinate calculations in point fields;
- apply basic knowledge about software used in geodesy and graphical systems;
- carry out records of changes in the real estate cadastre;
- process digital video recordings of Remote Sensing;
- apply the principles of creating a digital terrain model and digital orthophotos;
- process available files of digital geo-localized data, generate outputs of GIS in the form of thematic and function maps;
- apply basic knowledge of economics and organization of work.

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


The graduate is employed in the middle management positions in the field in geodesy and the real estate cadastre and in the state administration, in the maintenance of basic and detailed point coordinates, horizontal and vertical; in detailed mapping works (planimetry and hypsography) for making basic large-scale maps, in surveying and engineering work for the maintenance of maps and written operato in real estate, in geodetic works in commercial construction for processing of the project documentation , in stake out works and in tracking actual state of buildings. After gaining the necessary experience and other qualifications prescribed (authorization) he/she is professionally qualified to run private business in the regulated trades - the performance of surveying activities.

Examples of possible jobs: real estate cadastre officer, geodesic technician, geodesist and cartographic operator.

5. OFFICIAL BASIS OF THE CERTIFICATE

Name and status of the body awarding the certificate SPŠ stavební, Plzeň Chodské náměstí 2 Plzeň 301 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 / Pass requirements 1 excellent (výborný) 2 very good (chvalitebný) 3 good (dobrý) 4 satisfactory (dostatečný) 5 fail (nedostatečný) <i>Overall assessment::</i> 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	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	

6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE

Description of vocational education and training received	Percentage of total programme	Duration
<ul style="list-style-type: none"> • School- / training centre-based • Workplace-based • Accredited prior learning 	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.	
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: www.npicr.cz and www.eurydice.org		
National pedagogical institute of the Czech Republic – National Europass Centre Czech Republic Senovážné nám. 872/25 110 00 Praha 1		
Done at Prague for the school year 2019/2020		 stamp and signature

(*) Explanatory note

This document is a supplement to a specific diploma/certificate. It provides additional information on competencies gained in the given field of study 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 and Decision No 2241/2004/EC of the European Parliament and of the Council of 15 December 2004 on a single Community framework for the transparency of qualifications and competences (Europass).

More information available at: <http://europass.cedefop.europa.eu>, <http://www.europass.cz>

© European Communities 2002