

**1. TITLE OF THE CERTIFICATE (HU)**

52 5401 03 TÉRKÉPÉSZ TECHNIKUS

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)CARTOGRAPHER TECHNICIAN
(THIS TRANSLATION HAS NO LEGAL STATUS)**3. PROFILE OF SKILLS AND COMPETENCES****A typical holder of the certificate is able to:**

- apply the traditional and state-of-the-art tools of map-making;
- prepare map-making, carry out map design, map construction, index-making and colour partitioning, make the fair copy of drawings, and prepare the map for printing with the traditional methods of cartography;
- carry out data entry - scanning, digitalisation and other methods of data mining -, perform design and graphic execution tasks with digital methods of cartography;
- apply various rendering methods;
- use the index of geographical and place names;
- make thematic maps.

4. RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE CERTIFICATE3112 Cadastral technician
3194 Draughtsperson, constructor**(*) Explanatory notes:**

This document is designed to provide additional information about the specified certificate and does not serve as a legal certificate of vocational qualification. The format of the description is based on the following documents:

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 on transparency is available at: <http://europass.cedefop.europa.eu/>

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5. OFFICIAL BASIS OF THE CERTIFICATE		
Name and status of the institute issuing the certificate	Name and status of the national/regional authority providing accreditation/recognition of the certificate In the case of vocational qualifications belonging to the competence of the Ministry of Agriculture and Rural Development (MARD), a vocational qualification-related independent professional committee commissioned by the MARD	
Level of the certificate (national or international) Level of vocational qualification according to the National Qualification Register: 52 Intermediate vocational qualification entitling the holder to fill positions requiring physical or intellectual work, which is based on the input competence determined in the vocational and examination requirements, on preliminary vocational qualification or on the baccalaureate. ISCED97 code: 4CV	Grading scale / Pass requirements Five -grade: 5 excellent 4 good 3 satisfactory 2 pass 1 fail Vocational qualification examination after the completion of vocational training Parts of the examination: - Vocational theory - Vocational practice A successful vocational qualification examination requires a pass grade both in vocational theory and practice.	
Certificate number: PT K Serial number: 123456 Certificate issue date: 2023.09.14	Description of vocational theoretical and practical subjects and their grades according to the five-grade scale	
	1. Grades of vocational theoretical examination subjects	
	Topics/subjects of written examination	
	Complex (Cartography, Computer Assisted Cartography)	5
	Grade of Written Examination	5
	Topics/subjects of oral examination	
	Cartography and Cartographical Geography	5
	Map Making, GIS	5
	Complex (Supplementary Vocational Knowledge, Law and Property Registration, Economics and Organisational Skills)	5
	Grade of Vocational Theory	5
	2. Assessment of vocational practical preparedness	
	Subjects of practical examination	
	Diploma Work	5
Grade of Vocational Practice	5	
Access to next level of education/training To technician education	International agreements	
Other information concerning the vocational training process		
Legal basis Act LXXVI of 1993 on vocational training, Decree 27/2001 (VII. 27.) OM of the Minister of Education on the amendment of Decree 7/1993 (XII. 30.) MüM of the Minister of Labour on the National Qualifications Register, Decree 26/2001 (VII. 27.) OM of the Minister of Education on the general rules and rules of procedure of vocational examinations, Decree 64/1994. (XII.15.) of the Minister of Agriculture (FM) on publishing vocational requirements.		

6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE

Description of vocational education and training received	Percentage of total programme %	Duration (hours/weeks/months/years)
School-/training centre-based	Theory: 50 % Practice: 50 %	
Workplace-based		
Accredited prior learning		
Total duration of the education/training leading to the certificate		2 years

Entry requirements:

- Baccalaureate

Further information:

MANDATORY VOCATIONAL THEORETICAL SUBJECTS

Cartography, Cartographical Geography	100 hours
Computer Assisted Cartography	100 hours
Geodesy	100 hours
GIS	100 hours
Photogrammetry	100 hours
Topography	100 hours
Map Design	100 hours
Law and Property Registration	100 hours
Economics and Organisational Skills	100 hours
Fundamentals of the European Union	100 hours

MANDATORY VOCATIONAL PRACTICAL SUBJECTS

Geodesic Computer Technology	100 hours
GIS	100 hours
Computer Assisted Cartography	100 hours
Cartographer Practice	100 hours
Geodesy Practice	100 hours

Further information (including the description of the national grading method):

The basis of the grading system is a list of vocational and examination requirements compiled in accordance with uniform criteria and structure, issued in the form of legal regulation that includes the following:

- identification number and description of the vocational qualification as specified in OKJ and the relevant FEOR number,
- school and vocational prequalification required for the start of the training, aptitude and vocational competence requirements and prescribed practice,
- the most typical occupation or activity accessible to the holder of the vocational qualification certificate, the short job description, and the list of related vocational qualifications,
- the duration of the training required for the vocational qualification; maximum number of hours; the ratio of theoretical and practical training; the number of vocational training classes in the vocational training school; the duration of initial training period; the possibility of organising a grade examination assessing the efficiency of practical training,
- occupational requirements of vocational qualification,
- requirements pertaining to vocational examination.

The vocational and examination requirements will be classified by the occupational group committees of the National Qualification Register (OKJ) and by the National Council for Vocational Training, and subsequently they will be issued in the form of legal regulations.

Vocational and examination requirements are available at: <http://www.nive.hu>

This certificate supplement was prepared on the basis of the instruction for filling in the Certificate Supplement published on the homepages of the National Reference Point and the National Europass Centre.

National Reference Point – NSZFH – <http://nrk.nive.hu>

Head of Examination Organiser:

Issue date: 2023.09.14

SEAL