

**1. TITLE OF THE PROFESSION**

5 0714 12 04 Távközlési technikus

2. TRANSLATED TITLE OF THE PROFESSIONTelecommunications technician
(THIS TRANSLATION HAS NO LEGAL STATUS)**3. PROFILE OF SKILLS AND COMPETENCES**

- Installing equipment for the transmission of digital information and building networks from it (e.g. internet and data transmission, mobile, broadcasting networks);
- Operating, maintaining and, if necessary, repairing network equipment;
- Installing and operating broadcasting video and audio transmission systems, transmitters, feed receiver and antenna systems, microwave data transmission equipment, feed receivers and satellite dishes;
- Carrying out basic configuration on telecommunications equipment, traffic controllers and switches, in which he/she can set up networks;
- Measuring, qualifying and documenting the operational parameters of the completed interconnections, and using the results for fault detection and troubleshooting;
- Operating the management systems of the installed infocommunication equipment, and being able to organise and interpret the information obtained from them, which can be used to perform fault diagnosis;
- Performing the operational tasks of telecommunications networks, managing accounting systems and carrying out operator tasks;
- Working effectively both independently or in a team;
- Keeping up with technological developments.

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

3146 Telecommunications technician
3145 Broadcaster and audiovisual technician
7342 Information and telecommunications technology installer and repairer

(*) Explanatory notes:

¹ In the original language. | ² The translation of the designation is provided for information purposes only. | ³ Fill it out if necessary. The certificate supplement provides additional information on the qualification but have no legal value in itself. The format of the description is in conformity with 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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5. OFFICIAL BASIS OF THE CERTIFICATE

<p>Name and status of the authority issuing the certificate</p>	<p>Name and status of the national/regional authority providing accreditation/recognition of the certificate</p> <p>Ministry for Innovation and Technology</p>																				
<p>Level of the certificate (national or international)</p> <p>NQF level: 5</p> <p>EQF level: 5</p> <p>Digital Competence Framework level: 8</p>	<p>Grading scale / Pass requirements</p> <p>Five -grade: 5 excellent 4 good 3 satisfactory 2 pass 1 fail</p> <p>The prerequisite of being eligible to sit for a sectoral basic examination is the successful completion of all the required training courses, or the recognised prior learning should incorporate the requirements of the sectoral basic examination. The prerequisite of being eligible to sit for a vocational examination is the successful completion of all the training courses and the uninterrupted professional practice required. In case the student is required to pass a sectoral basic examination, latter shall be recognised with the following weighting: The result of the basic sectoral examination will be computed into that of the vocational examination with the following weighting: Sectoral basic examination: 10%, Vocational examination: 90%</p>																				
<p>Certificate number: CXK A</p> <p>Serial number: 123456</p> <p>Certificate issue date: 2024.05.30</p>	<p>Designation of the theoretical and practical subjects of the sectoral basic examination and the vocational examination and their grades according to a five-grade scale</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">Sectoral basic examination : The examination was passed based on recognised prior learning</td> </tr> <tr> <td colspan="2">Vocational examination</td> </tr> <tr> <td colspan="2">central interactive</td> </tr> <tr> <td>Telecommunications systems and infocommunications networks</td> <td style="text-align: center;">5</td> </tr> <tr> <td colspan="2">project exercise</td> </tr> <tr> <td>Presentation of telecommunications activities, carrying out measurement, installation and qualification tasks</td> <td style="text-align: center;">5</td> </tr> <tr> <td colspan="2">Result of the vocational examination in percentage</td> </tr> <tr> <td></td> <td style="text-align: center;">100%</td> </tr> <tr> <td colspan="2">Result of the vocational examination with grades</td> </tr> <tr> <td></td> <td style="text-align: center;">5</td> </tr> </table>	Sectoral basic examination : The examination was passed based on recognised prior learning		Vocational examination		central interactive		Telecommunications systems and infocommunications networks	5	project exercise		Presentation of telecommunications activities, carrying out measurement, installation and qualification tasks	5	Result of the vocational examination in percentage			100%	Result of the vocational examination with grades			5
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<p>Access to next level of education/training</p>	<p>International agreements</p>																				
<p>Other information concerning the vocational training process</p>																					
<p>Legal basis</p> <p>Government Decree 12/2020 (II. 7.) on the Implementation of the Vocational Education and Training Act, Act LXXX of 2019 on Vocational Education and Training.</p>																					

6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE SUPPLEMENT

Description of the sectoral basic training and the theoretical and practical vocational training	Distribution of the total number of hours of the programme																																																																														
Total duration of the education/training	2073 hours																																																																														
<p>Entry requirements:</p> <ul style="list-style-type: none"> - Educational prerequisite: primary education - Certificate of medical fitness: required <p>Further information:</p> <table border="0"> <thead> <tr> <th>VOCATIONAL PRACTICAL SUBJECT</th> <th>HOURS</th> </tr> </thead> <tbody> <tr><td>Basics of information technology and telecommunications I</td><td>12 hour</td></tr> <tr><td>Basics of information technology and telecommunications II</td><td>12 hour</td></tr> <tr><td>Basics of computer programming</td><td>12 hour</td></tr> <tr><td>ICT project work I</td><td>12 hour</td></tr> <tr><td>ICT project work II</td><td>12 hour</td></tr> <tr><td>Electrical engineering</td><td>12 hour</td></tr> <tr><td>Telecommunications electronics</td><td>12 hour</td></tr> <tr><td>Telecommunications skills</td><td>12 hour</td></tr> <tr><td>IP Networks</td><td>12 hour</td></tr> <tr><td>Mobile telecommunications systems</td><td>12 hour</td></tr> <tr><td>Broadcasting systems</td><td>12 hour</td></tr> <tr><td>Wireless data transmission systems</td><td>12 hour</td></tr> <tr><td>Long-range IP Networks</td><td>12 hour</td></tr> <tr><td>Operation of digital telecommunications systems</td><td>12 hour</td></tr> <tr><td>Telecommunications architectures</td><td>12 hour</td></tr> <tr><td colspan="2"> </td></tr> <tr> <th>VOCATIONAL THEORETICAL SUBJECT</th> <th>HOURS</th> </tr> <tr><td>Vocational knowledge</td><td>12 hour</td></tr> <tr><td>Vocational foreign language knowledge</td><td>12 hour</td></tr> <tr><td>Basics of information technology and telecommunications I</td><td>12 hour</td></tr> <tr><td>Basics of information technology and telecommunications II</td><td>12 hour</td></tr> <tr><td>Basics of computer programming</td><td>12 hour</td></tr> <tr><td>ICT project work I</td><td>12 hour</td></tr> <tr><td>ICT project work II</td><td>12 hour</td></tr> <tr><td>Electrical engineering</td><td>12 hour</td></tr> <tr><td>Telecommunications electronics</td><td>12 hour</td></tr> <tr><td>Telecommunications skills</td><td>12 hour</td></tr> <tr><td>IP Networks</td><td>12 hour</td></tr> <tr><td>Mobile telecommunications systems</td><td>12 hour</td></tr> <tr><td>Broadcasting systems</td><td>12 hour</td></tr> <tr><td>Wireless data transmission systems</td><td>12 hour</td></tr> <tr><td>Long-range IP Networks</td><td>12 hour</td></tr> <tr><td>Operation of digital telecommunications systems</td><td>12 hour</td></tr> <tr><td>Telecommunications architectures</td><td>12 hour</td></tr> <tr><td colspan="2"> </td></tr> <tr><td>Continuous field practice</td><td>160 hour</td></tr> <tr><td colspan="2"> </td></tr> <tr><td>Altogether</td><td>544 hour</td></tr> </tbody> </table> <p>Link to the Training and Outcome Requirements and the Programme Plans: https://ikk.hu The present diploma supplement was elaborated in compliance with Government Decree 12/2020 (II. 7.) on the implementation of the Act on Vocational Education and Training.</p> <p>National Reference Point: National Office of Vocational Education and Training and Adult Learning: https://nrk.nive.hu</p>		VOCATIONAL PRACTICAL SUBJECT	HOURS	Basics of information technology and telecommunications I	12 hour	Basics of information technology and telecommunications II	12 hour	Basics of computer programming	12 hour	ICT project work I	12 hour	ICT project work II	12 hour	Electrical engineering	12 hour	Telecommunications electronics	12 hour	Telecommunications skills	12 hour	IP Networks	12 hour	Mobile telecommunications systems	12 hour	Broadcasting systems	12 hour	Wireless data transmission systems	12 hour	Long-range IP Networks	12 hour	Operation of digital telecommunications systems	12 hour	Telecommunications architectures	12 hour			VOCATIONAL THEORETICAL SUBJECT	HOURS	Vocational knowledge	12 hour	Vocational foreign language knowledge	12 hour	Basics of information technology and telecommunications I	12 hour	Basics of information technology and telecommunications II	12 hour	Basics of computer programming	12 hour	ICT project work I	12 hour	ICT project work II	12 hour	Electrical engineering	12 hour	Telecommunications electronics	12 hour	Telecommunications skills	12 hour	IP Networks	12 hour	Mobile telecommunications systems	12 hour	Broadcasting systems	12 hour	Wireless data transmission systems	12 hour	Long-range IP Networks	12 hour	Operation of digital telecommunications systems	12 hour	Telecommunications architectures	12 hour			Continuous field practice	160 hour			Altogether	544 hour
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Head of Examination Organiser:

Issue date: 2024.05.30

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