

**1. TITLE OF THE PROFESSION**

09115003 Digitális fogtechnika

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

- Evaluate dental prints, prepare dental molds for digital lab scanning. Interpret and process intraoral scanner data;
- Design digital removable and fixed prostheses together with dentists and dental technician colleagues;
- Use partly virtual custom value articulator to design digital prostheses;
- Design and prepare 3D printed dental molds from scanned data. Create printed models based on dental implant prints;
- Design and prepare digitally designed temporary crowns, bridges and prostheses;
- Design and prepare digitally designed fixed prostheses. Design and create crowns, bridges, inlays, onlays, overlays and dental veneers;
- Design and prepare removable prostheses, metal plates, custom-spoons and implant surgery drill templates;
- Digitally design and prepare implant prostheses, screw-retained and cemented implant prostheses together with dental surgeons, dentists and dental technician colleagues;
- Operate the dental laboratory scanner in a professional manner. Use English and/or German language software. Have an understanding of dental CAM systems. Operate and manage dental CAM systems. Evaluate STL file data;
- Operate and manage dental 3D printers and laser sinter printers in a professional manner;
- Digitally design and create orthodontic appliances and dental splints.

**4. CLASSIFICATION OF THE VOCATIONAL TRAINING ACCORDING TO THE ISCED FIELDS OF EDUCATION AND TRAINING (ISCED-F)**

09115 Digital dental technician

**(\*) Explanatory notes:**

<sup>1</sup> In the original language. | <sup>2</sup> The translation of the designation is provided for information purposes only. | <sup>3</sup> 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

<b>Name and status of the authority issuing the certificate</b>	<b>Name and status of the national/regional authority providing accreditation/recognition of the certificate</b>  Ministry for Innovation and Technology																		
<b>Level of the certificate (national or international)</b>  NQF level: 5  EQF level: 5  Digital Competence Framework level: 7	<b>Grading scale / Pass requirements</b>  Five -grade: 5 excellent 4 good 3 satisfactory 2 pass 1 fail																		
Certificate number: CXK A  Serial number: 123456  Certificate issue date: 2024.10.16	<b>Designation of the theoretical and practical subjects of the vocational qualification examination and their grades according to a five-grade scale</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr> <td colspan="3"><b>written</b></td> </tr> <tr> <td style="width: 80%;">Written test about interactive digital prostheses</td> <td style="width: 10%; text-align: center;">100%</td> <td style="width: 10%; text-align: center;">5</td> </tr> <tr> <td colspan="3"><b>project exercise</b></td> </tr> <tr> <td>Designing digital prostheses</td> <td style="text-align: center;">100%</td> <td style="text-align: center;">5</td> </tr> <tr> <td colspan="3"><b>Result of the qualification examination</b></td> </tr> <tr> <td></td> <td style="text-align: center;">100%</td> <td style="text-align: center;">5</td> </tr> </table>	<b>written</b>			Written test about interactive digital prostheses	100%	5	<b>project exercise</b>			Designing digital prostheses	100%	5	<b>Result of the qualification examination</b>				100%	5
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	100%	5																	
<b>Access to next level of education/training</b>	<b>International agreements</b>																		
<b>Other information concerning the vocational training process</b>																			
<b>Legal basis</b>  Government Decree 12/2020 (II. 7.) on the Implementation of the Vocational Education and Training Act, Government Decree 319/2020 (VII. 1.) on the amendment of Government Decree 12/2020 (II. 7.) on the Implementation of the Vocational Education and Training Act, Government Decree 95/2021 (II. 27.) on the Amendment of Certain Government Decrees Relating to Vocational Education and Training and Adult Training, Government Decree 11/2020 (II. 7.) on the Implementation of the Act on Adult Education, Act LXXX of 2019 on Vocational Education and Training.																			

## 6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE

Description of the sectoral basic training and the theoretical and practical vocational training	Distribution of programme elements in percentage
Total duration of the education/training	172 hours

### Entry requirements:

- Educational prerequisite: secondary school-leaving certificate
- Vocational training prerequisite: 5 0911 02 01 Dental Technician, and 55 724 01 Dental Technician
- Certificate of medical fitness: required

### Further information:

#### WRITTEN EXAMINATION EXERCISES

The tasks of the interactive examination part measure and assess the results of the examinee following the completion of the digital dental technician training (removable plastic base plate and metal plate prostheses; fixed prostheses, implant prostheses; orthodontics and smile design; digital dental print making; 3D printing skills; 3D metal printing, laser sintering; surgical drill templates

#### PROJECT EXERCISES

The examination tasks must be carried out in an air-conditioned dental technician laboratory or in an examination centre

Examination task 1: the examinee designs a fixed prosthesis bridge frame with antagonistic dentition, as defined by the examination centre.

Examination task 2: the examinee prepares the design of a custom implant head from scanning to STL saving. The material to use for the CAD is zirconia. Status: design of a custom implant head for tooth 13

Examination task 3: the examinee designs a sectional dental mold for 3D printing from a digital dental print

Examination task 4: the examinee prepares the digital design of primary telescope crowns

Examination task 5: discussion

You can find more information on the Programme and System Requirements in the following link: <https://ikk.hu>

This certificate supplement was elaborated in accordance with the programme requirements registered by the minister responsible for VET.

**National Reference Point: National Office of Vocational Education and Training and Adult Learning: <https://nrk.nive.hu>**

Head of Examination Organiser:

Issue date: 2024.10.16

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