

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

54 481 01 1000 00 00 CAD-CAM informatikus

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

- Use a computer and software;
- Perform activity related to work planning;
- Perform project planning and assessment;
- Operate a computer, apply information technology knowledge;
- Prepare geographic information systems;
- Apply technical knowledge;
- Perform CAD and CAM tasks;
- Prepare and present product design plans and visualisations;
- Use special equipment;
- Perform management tasks;
- Prepare technical and advertising documents (editing publications, multimedia applications);
- Apply entrepreneurial, labour law, organisational and management knowledge;
- Prepare feasibility studies;
- Perform installation and expansion.

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

3139 Other information technology related vocations

(*) 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

| | | | | | | | | | | | | | | |
|--|---|--------------------|---------|---|--------|---------------------|--------|----------------------------|--------|--|-------|--|------|--|
| <p>Name and status of the institute issuing the certificate</p> | <p>Name and status of the national/regional authority providing accreditation/recognition of the certificate</p> <p>In the case of vocational qualifications belonging to the competence of the Ministry of Economy and Transport (GKM), a vocational qualification-related independent professional committee commissioned by the GKM</p> | | | | | | | | | | | | | |
| <p>Level of the certificate (national or international)</p> <p>Level of vocational qualification according to the National Qualification Register:</p> <p>54 Higher level vocational qualification entitling the holder to fill positions characteristically requiring intellectual work, which is based on the input competence determined in the vocational and examination requirements, on preliminary vocational qualification or on the baccalaureate.</p> <p>ISCED97 code: 4CV</p> | <p>Grading scale / Pass requirements</p> <p>The average of the percentage of the performance achieved per examination part, taking into consideration the vocational and examination requirements, expressed as a grade:</p> <table style="width: 100%; border: none;"> <tr> <td style="padding-left: 20px;">81-100%</td> <td style="padding-left: 20px;">excellent (5)</td> </tr> <tr> <td style="padding-left: 20px;">71-80%</td> <td style="padding-left: 20px;">good (4)</td> </tr> <tr> <td style="padding-left: 20px;">61-70%</td> <td style="padding-left: 20px;">satisfactory (3)</td> </tr> <tr> <td style="padding-left: 20px;">51-60%</td> <td style="padding-left: 20px;">pass (2)</td> </tr> <tr> <td style="padding-left: 20px;">0-50%</td> <td style="padding-left: 20px;">fail (1)</td> </tr> </table> | | 81-100% | excellent (5) | 71-80% | good (4) | 61-70% | satisfactory (3) | 51-60% | pass (2) | 0-50% | fail (1) | | |
| 81-100% | excellent (5) | | | | | | | | | | | | | |
| 71-80% | good (4) | | | | | | | | | | | | | |
| 61-70% | satisfactory (3) | | | | | | | | | | | | | |
| 51-60% | pass (2) | | | | | | | | | | | | | |
| 0-50% | fail (1) | | | | | | | | | | | | | |
| | <p>The code and name of the vocational requirement module, and the result achieved in the examination part associated with the requirement module expressed in %:</p> | | | | | | | | | | | | | |
| <p>Certificate number:</p> <p>PT K</p> <p>Serial number:</p> <p>123456</p> | <table style="width: 100%; border: none;"> <tr> <td style="padding-left: 20px;">0557-06 CAD skills</td> <td style="text-align: right;">100%</td> </tr> <tr> <td style="padding-left: 20px;">1157-06 CAM skills (CNC programming, CNC machines), production methods, marketing activity, editing, multimedia systems</td> <td style="text-align: right;">100%</td> </tr> <tr> <td style="padding-left: 20px;">1155-06 IT know-how</td> <td style="text-align: right;">100%</td> </tr> <tr> <td style="padding-left: 20px;">1143-06 Project management</td> <td style="text-align: right;">100%</td> </tr> <tr> <td style="padding-left: 20px;">1142-06 Computer operation, software use, organisation of work</td> <td style="text-align: right;">100%</td> </tr> <tr> <td style="padding-left: 20px;">1156-06 Operation, programming, maintenance, repair and documentation of digitally controlled machines</td> <td style="text-align: right;">100%</td> </tr> </table> | 0557-06 CAD skills | 100% | 1157-06 CAM skills (CNC programming, CNC machines), production methods, marketing activity, editing, multimedia systems | 100% | 1155-06 IT know-how | 100% | 1143-06 Project management | 100% | 1142-06 Computer operation, software use, organisation of work | 100% | 1156-06 Operation, programming, maintenance, repair and documentation of digitally controlled machines | 100% | |
| 0557-06 CAD skills | 100% | | | | | | | | | | | | | |
| 1157-06 CAM skills (CNC programming, CNC machines), production methods, marketing activity, editing, multimedia systems | 100% | | | | | | | | | | | | | |
| 1155-06 IT know-how | 100% | | | | | | | | | | | | | |
| 1143-06 Project management | 100% | | | | | | | | | | | | | |
| 1142-06 Computer operation, software use, organisation of work | 100% | | | | | | | | | | | | | |
| 1156-06 Operation, programming, maintenance, repair and documentation of digitally controlled machines | 100% | | | | | | | | | | | | | |
| <p>Certificate issue date:</p> <p>2015.01.15</p> | <p>The performance of the examinee achieved at the vocational examination expressed in %:</p> <p style="text-align: right;">100%</p> | | | | | | | | | | | | | |
| | <p>The performance of the examinee achieved at the vocational examination expressed as a grade:</p> <p style="text-align: right;">5</p> | | | | | | | | | | | | | |
| <p>Access to next level of education/training</p> <p>To higher education</p> | <p>International agreements</p> | | | | | | | | | | | | | |
| <p>Other information concerning the vocational training process</p> | | | | | | | | | | | | | | |
| <p>Legal basis</p> <p>Ministry of Economy and Transport decree no. 78/2007. (VIII. 31.) GKM on the issue of the professional and examination requirements of IT, telecommunications and postal vocational qualifications belonging to the sphere of authority of the minister of economy and transport , Act LXXVI of 1993 on Vocational Training.</p> | | | | | | | | | | | | | | |

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 | | 2000 hours |
| Entry requirements: Secondary school leaving examination 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: 2015.01.15 | | SEAL |