

## 1. HOLDER OF THE QUALIFICATION

**Registry nr. of Certificate:** 1068/2016., issued at: 03/02/2016

**1.1. Family name(s):** Tóth

**1.2. Given name(s):** Márk Tamás

**1.3. Place of birth (country, city), date of birth:** Hungary, Kalocsa, 09/10/1993

**1.4. Student identification number or code:** 77379785770

## 2. INFORMATION IDENTIFYING THE QUALIFICATION

**2.1. Name of qualification and (if applicable) title conferred:** Mechanical Engineering

**2.2. Main field(s) of study for the qualification:** Mechanical Engineering

**Specialisation(s):** Informatics of Manufacturing Engineering

**2.3. Name and status of awarding institution (in original language):** Kecskemét College, state college, accredited by the Hungarian Accreditation Committee (MAB)

**2.4. Language(s) of instruction/examination:** Hungarian

## 3. INFORMATION ON THE LEVEL OF THE QUALIFICATION

**3.1. Level of qualification:** undergraduate course (Bachelor's degree)

**3.2. Official length of programme:** 3.5 year

**3.3. Access requirement(s):** secondary school, ISCED 3A

## 4. INFORMATION ON THE CONTENTS AND RESULTS GAINED

**4.1. Mode of study:** full-time training

### 4.2. Programme requirements

**4.2.1. Nr. of statute containing qualification requirements of programme:** 15/2006. (IV. 3.) OM

**4.2.2. Goal of Programme:** To train engineers who are acquainted with the operation of different mechanical-engineering equipment. The engineers will be able to implement and apply new engineering technologies. To train the application of new technologies in engineering, the organization and the management of industrial work are also a core part of the curriculum. The diploma holders will have applicable technological knowledge for research and development. The curriculum contains all the knowledge needed for the Master level training.

**4.2.3. Credits to achieve:** 210

**4.2.4 System of knowledge checking:** term marks, end-term exams, comprehensive exams, degree project and defence of thesis during the final exam.



### 4.3. Programme details (e.g. modules or units studied), and the individual grades/marks/credits obtained

#### 2012-2013-1, credit points: 38

| Course name               | Course code | Type                  | Hour | Requirement(s) | Credits | Result | Date       |
|---------------------------|-------------|-----------------------|------|----------------|---------|--------|------------|
| Analysis I                | MMF1B0GN-T  | course representation | 4    | term mark      | 5       | 5      | 09/12/2012 |
| Materials Engineering A I | MMT1A0GN-T  | course representation | 4    | term mark      | 5       | 4      | 09/12/2012 |
| Physics I                 | MMF1C0GN-T  | course representation | 4    | exam           | 5       | 5      | 04/12/2012 |
| Physics for beginners     | MMF1Y0GN-T  | course representation | 3    | term mark      | 3       | 5      | 09/12/2012 |
| Informatics               | MAI1A0GN-T  | course representation | 4    | exam           | 5       | 5      | 17/12/2012 |
| Chemistry                 | MMA1A0GN-T  | course representation | 2    | exam           | 3       | 5      | 15/01/2013 |
| Elementary Mathematics    | MMF1Z0GN-T  | course representation | 3    | term mark      | 3       | 5      | 09/12/2012 |
| Mechanics I               | MGT1A0GN-T  | course representation | 3    | term mark      | 3       | 4      | 09/12/2012 |
| Safety and Protection     | MGY1A0GN-T  | course representation | 2    | exam           | 3       | 3      | 12/01/2013 |
| Engineering Drawing       | MGT1B0GN-T  | course representation | 3    | term mark      | 3       | 4      | 09/12/2012 |
| Physical Education I      | MTS1A0GN-T  | course representation | 2    | signature      | 0       | signed | 09/12/2012 |

#### 2012-2013-2, credit points: 38

| Course name                   | Course code | Type                  | Hour | Requirement(s) | Credits | Result | Date       |
|-------------------------------|-------------|-----------------------|------|----------------|---------|--------|------------|
| General Mechanics             | MGT2E0GN-T  | course representation | 3    | exam           | 4       | 5      | 29/05/2013 |
| Analysis II                   | MMF2D0GN-T  | course representation | 4    | term mark      | 5       | 5      | 20/04/2013 |
| Materials Engineering A II    | MMT2C0GN-T  | course representation | 4    | exam           | 5       | 3      | 07/06/2013 |
| Electrical Engineering B I    | MEK2C0GN-T  | course representation | 5    | term mark      | 5       | 5      | 20/04/2013 |
| Machine Elements AI           | MGT2F0GN-T  | course representation | 4    | term mark      | 5       | 4      | 20/04/2013 |
| Heat Measurement              | MMF2E0GN-T  | course representation | 4    | exam           | 4       | 5      | 13/06/2013 |
| Mechanics II                  | MGT2I0GN-T  | course representation | 4    | exam           | 4       | 5      | 27/05/2013 |
| Introduction to Management    | MSZ4F0GN-T  | course representation | 3    | exam           | 4       | 5      | 29/05/2013 |
| Technical Physical Laboratory | MMF2F0GN-T  | course representation | 2    | term mark      | 2       | 3      | 20/04/2013 |
| Physical Education II         | MTS2A0GN-T  | course representation | 2    | signature      | 0       | signed | 20/04/2013 |

#### 2013-2014-1, credit points: 35

| Course name           | Course code | Type                  | Hour | Requirement(s) | Credits | Result | Date       |
|-----------------------|-------------|-----------------------|------|----------------|---------|--------|------------|
| Hydrodynamics         | MMF3H0GN-T  | course representation | 3    | exam           | 3       | 5      | 28/01/2014 |
| Computer Aided Design | MGT3A0GN-T  | course representation | 3    | term mark      | 3       | 5      | 07/12/2013 |



**2013-2014-1, credit points: 35**

| Course name                 | Course code | Type                  | Hour | Requirement(s) | Credits | Result | Date       |
|-----------------------------|-------------|-----------------------|------|----------------|---------|--------|------------|
| Primary Technologies        | MMT3E0GN-T  | course representation | 3    | exam           | 4       | 5      | 21/12/2013 |
| Laboratory Work in Cutting  | MGY3B0GN-T  | course representation | 2    | term mark      | 1       | 5      | 02/12/2013 |
| Machine Elements AII        | MGT3D0GN-T  | course representation | 4    | exam           | 5       | 4      | 21/01/2014 |
| Measurement I               | MGY3C0GN-T  | course representation | 3    | term mark      | 3       | 5      | 08/12/2013 |
| Automatic Control Systems I | MEK3E0GN-T  | course representation | 3    | exam           | 4       | 4      | 11/12/2013 |
| Economics                   | MGI3B0GN-T  | course representation | 3    | exam           | 4       | 5      | 28/11/2013 |
| Mechanics III               | MGT3G0GN-T  | course representation | 3    | term mark      | 4       | 4      | 06/12/2013 |
| Mathematics III             | MMF4B0GN-T  | course representation | 3    | term mark      | 4       | 5      | 09/12/2013 |

**2013-2014-2, credit points: 33**

| Course name                     | Course code   | Type                  | Hour | Requirement(s) | Credits | Result | Date       |
|---------------------------------|---------------|-----------------------|------|----------------|---------|--------|------------|
| Artificial Intelligence         | GAMFSZXX15901 | course representation | 2    | term mark      | 2       | 5      | 05/05/2014 |
| Manufacturing Engineering A I   | MGY4E0GN-T    | course representation | 3    | exam           | 4       | 5      | 19/05/2014 |
| Automatic Control Systems II    | MAI4D0GN-T    | course representation | 4    | term mark      | 5       | 5      | 17/05/2014 |
| Cultural Economics              | GAMFSZXX12401 | course representation | 2    | exam           | 3       | 5      | 20/05/2014 |
| Mechanical Technologies A       | MMT4H0GN-T    | course representation | 4    | term mark      | 5       | 4      | 16/05/2014 |
| Quality Assurance I             | MGY4B0GN-T    | course representation | 3    | exam           | 4       | 5      | 19/05/2014 |
| Psychology and Self-Training II | GAMFSZXX16201 | course representation | 3    | term mark      | 4       | 5      | 15/05/2014 |
| Computer Aided Engineering      | MGT4F0GN-T    | course representation | 3    | term mark      | 2       | 5      | 15/05/2014 |
| Enterprise Economics I          | MGI4H0GN-T    | course representation | 3    | exam           | 4       | 5      | 20/06/2014 |

**2014-2015-1, credit points: 30**

| Course name                   | Course code   | Type                  | Hour | Requirement(s) | Credits | Result | Date       |
|-------------------------------|---------------|-----------------------|------|----------------|---------|--------|------------|
| CNC Technology I              | MGY5A0GN-T    | course representation | 3    | term mark      | 4       | 5      | 03/12/2014 |
| CNC practise                  | GAMFSZXX11301 | course representation | 2    | term mark      | 2       | 5      | 06/12/2014 |
| Manufacturing Engineering II  | MGY5C0GN-T    | course representation | 3    | term mark      | 3       | 5      | 05/12/2014 |
| Heat Measurement              | MGT5E0GN-T    | course representation | 2    | exam           | 2       | 5      | 17/12/2014 |
| Automatic Control Systems III | MAI5F0GN-T    | course representation | 4    | term mark      | 5       | 5      | 10/12/2014 |
| Law                           | MGI5D0GN-T    | course representation | 3    | exam           | 4       | 4      | 16/12/2014 |
| Plate Parts Production        | MMT5F0GN-T    | course representation | 4    | exam           | 5       | 5      | 12/01/2015 |
| Polymer Processing I          | MMA5D0GN-T    | course representation | 4    | exam           | 5       | 3      | 12/01/2015 |



**2014-2015-2, credit points: 25**

| Course name                           | Course code | Type                  | Hour | Requirement(s) | Credits | Result | Date       |
|---------------------------------------|-------------|-----------------------|------|----------------|---------|--------|------------|
| Materials Engineering and TQM Studies | MMT6D0GN-T  | course representation | 4    | term mark      | 5       | 5      | 13/05/2015 |
| CAD/CAM Systems A                     | MGY6B0GN-T  | course representation | 3    | exam           | 4       | 5      | 12/06/2015 |
| Manufacturing Engineering III         | MGY6J0GN-T  | course representation | 3    | exam           | 4       | 5      | 03/06/2015 |
| Production Systems and Tools I.       | MGY6G0GN-T  | course representation | 3    | term mark      | 4       | 4      | 18/05/2015 |
| Metal Forming                         | MMT6G0GN-T  | course representation | 4    | exam           | 4       | 5      | 21/05/2015 |
| Logistics C                           | MGY6A0GN-T  | course representation | 3    | term mark      | 4       | 5      | 07/05/2015 |

**2015-2016-1, credit points: 24**

| Course name                     | Course code   | Type                  | Hour | Requirement(s) | Credits | Result | Date       |
|---------------------------------|---------------|-----------------------|------|----------------|---------|--------|------------|
|                                 | GAMFSZXX11501 | course representation | 3    | term mark      | 3       | 5      | 10/12/2015 |
| Production Systems and Tools II | MGY7C0GN-T    | course representation | 3    | exam           | 4       | 5      | 10/12/2015 |
| Méiatechnika alapjai            | GAMFSZXX13001 | course representation | 2    | exam           | 2       | 5      | 12/01/2016 |
| Degree Thesis                   | MGY7A0GN-T    | course representation | 0    | signature      | 15      | signed | 08/01/2016 |
| Industrial Placement            | MGY7B0GN-T    | course representation | 0/S  | signature      | 0       | signed | 18/12/2015 |

**Sum credit: 223**

**4.4 Grading scheme and, if available, grade distribution guidance:**

Grading in a given subject is done on a five point scale.

- Excellent (5): grade is assigned to the student who thoroughly knows the entire subject matter in all of its inherent relationships and is able to independently apply his/her knowledge with absolute certainty;
- Good (4): grade is assigned to the student who thoroughly knows the entire subject matter of the course and can safely apply its content;
- Satisfactory (3): grade is assigned to the student who knows the significant portions of the subject matter of the course and is able to apply them with suitable safety;
- Pass (2): grade is assigned to the student who knows the significant parts of the course on a satisfactory level and is able to demonstrate an acceptable level of familiarity in the application of the content of the course;
- Fail (1): grade is assigned to the student who does not command sufficient knowledge and demonstrate skill and applying the practices of his/her chosen field.

Signature

- pass (signed);
- fail (fail).

**4.5 Overall classification of the qualification (in original language): Excellent with distinction (4.82)**
**5. INFORMATION ON THE FUNCTION OF THE QUALIFICATION**

**5.1. Admission to further study:** studies for university degree, ISCED 5A

**5.2. Professional status:** Mechanical Engineer

**6. ADDITIONAL INFORMATION**