

TRANSCRIPT OF ACADEMIC RECORDS

1. HOLDER OF THE DOCUMENT

1.1 Family name(s)	1.2 Given name(s)
Blutman	Kristóf László
1.3 Date of birth (day/month/year)	1.4 Student identification number or code (if available)
10/02/1990	BD7RE1

2. DATA OF TRANSCRIPT

2.1 Name and status of awarding institution
Budapest University of Technology and Economics State university, accredited by the Hungarian Accreditation Committee (HAC) with its resolution 1999/5/II/1.
2.2 Name and status of institution (if different from 2.1) administering studies
2.3 Language(s) of instruction/examination
Hungarian

3. LEVEL OF STUDIES

3.1 Level of qualification	3.2 Official length of program
Bachelor (first cycle)	7 semesters

4. CONTENTS AND ACADEMIC RESULTS ACHIEVED

4.1 Form of study
Full time training
4.2 Program Requirements
Decree 15/2006 (IV.3.) OM from the study and graduation requirements of the Majors in Bachelor's and Master's Programs.
4.2.1 Program requirements act number
4.2.2 Aim of study
Education of electrical engineers
4.2.3 Required number of credit points
210
4.2.4 System of acquisition level checking
Examinations, BSc. thesis and its defending at public final examination
4.2.5 Required professional practice, credit value
The student is performing at least 4 weeks, with credit 0 a professional practice out of the institution.

4.3 Program details (e.g. modules or units studied), and the individual grades/marks/credits obtained 2008/09/1, credit points: 30

Subject	Subject code	Lessons per week	Requirement	Credit points	Grade	Date
Materials Science	BMEGEMTAV01	3/0/1	Exam	4	4	22/12/2008
Accounting	BMEGT35A002	2/0/0	Mid-term mark	2	3	12/12/2008
Physical Education A.	BMEGT701007	0/2/0	Signature	0	Signed	12/12/2008
Mathematics A1a - Calculus	BMETE90AX00	4/2/0	Exam	6	5	14/01/2009
University Experience	BMEVIDHKONV	0/2/0	Signature	0	Signed	02/02/2009
Basics of Programming 1.	BMEVIHIA106	2/1/1	Mid-term mark	5	5	19/12/2008
Digital Design 1.	BMEVHIA104	4/2/0	Exam	7	4	20/01/2009
Foundation of Computer Science	BMEVISZA105	4/2/0	Exam	6	5	16/12/2008

2008/09/2, credit points: 32

Subject	Subject code	Lessons per week	Requirement	Credit points	Grade	Date
Micro- and Macroeconomics	BMEGT30A001	4/0/0	Exam	4	3	18/06/2009

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Subject	Subject code	Lessons per week	Requirement	Credit points	Grade	Date
Finance	BMEGT35A001	2/0/0	Mid-term mark	2	4	15/05/2009
English - Preparation for Advanced Level 2.	BMEGT635052	0/4/0	Mid-term mark	0	5	15/05/2009
Physical Education B	BMEGT701008	0/2/0	Signature	0	Signed	15/05/2009
Physics 1	BMETE11AX01	3/1/0	Exam	5	4	03/06/2009
Mathematics A2a - Vector Functions	BMETE90AX02	4/2/0	Exam	6	5	10/06/2009
Basics of Programming 2.	BMEVIAUA116	2/0/2	Mid-term mark	4	5	15/05/2009
University Experience	BMEVIDHTF02		Signature	0	Signed	15/05/2009
Signals and Systems 1.	BMEVIHVA109	4/2/0	Mid-term mark	6	4	15/05/2009
Digital Design 2.	BMEVILIA108	2/2/0	Exam	5	3	29/05/2009

2009/10/1, credit points: 32

Subject	Subject code	Lessons per week	Requirement	Credit points	Grade	Date
Economic Policy	BMEGT35A003	2/0/0	Mid-term mark	2	5	10/12/2009
Physical Education C	BMEGT701009	0/2/0	Signature	0	Signed	11/12/2009
Physics 2	BMETE11AX02	3/1/0	Exam	5	5	13/01/2010
Mathematics A4 - Probability Theory	BMETE90AX08	2/2/0	Mid-term mark	4	5	11/12/2009
Mathematics A3 for Electrical Engineers	BMETE90AX09	2/2/0	Exam	4	5	05/01/2010
University Experience	BMEVIDHTF03	0/2/0	Signature	0	Signed	11/12/2009
Signals and Systems 2.	BMEVIHVA200	4/2/0	Exam	6	5	22/12/2009
Informatics 1	BMEVILIA202	3/2/0	Exam	5	4	07/01/2010
Electrotechnics	BMEVIVEA201	4/0/1	Mid-term mark	6	5	11/12/2009

2009/10/2, credit points: 32

Subject	Subject code	Lessons per week	Requirement	Credit points	Grade	Date
Management and Business Economics	BMEGT20A001	4/0/0	Mid-term mark	4	5	25/05/2010
Research Methodology	BMEGT41A002	2/0/0	Mid-term mark	2	5	14/05/2010
Physical Education D	BMEGT701010	0/2/0	Signature	0	Signed	14/05/2010
Informatics 2	BMEVIAUA203	3/2/0	Exam	5	5	21/05/2010
University Experience	BMEVIDHTF04	0/2/0	Signature	0	Signed	14/05/2010
Electronics 1.	BMEVIHIA205	3/2/0	Exam	6	5	07/06/2010
Electromagnetic Fields	BMEVIHVA204	3/1/0	Exam	5	4	28/05/2010
Measurement Technology	BMEVIMIA206	3/2/0	Mid-term mark	5	5	14/05/2010
Power System Engineering	BMEVIVEA207	3/1/1	Exam	5	4	10/06/2010

2010/11/1, credit points: 39

Subject	Subject code	Lessons per week	Requirement	Credit points	Grade	Date
Physical Education E	BMEGT701011	0/2/0	Signature	0	Signed	10/12/2010
Theoretical Physics for Mathematicians 1	BMETE15AM12	2/0/0	Exam	3	5	12/01/2011
Applications of Differential Equations and Vector Analysis in Engineer Working 1	BMETE90AX43	0/2/0	Mid-term mark	3	5	10/12/2010
Vector Spaces in Physics	BMETE92AM24	2/0/0	Exam	3	5	06/01/2011
Electronics 2.	BMEVIAUA300	3/2/0	Exam	5	5	17/12/2010
Microelectronics	BMEVIEEA306	3/0/1	Mid-term mark	5	5	15/12/2010
Electronics technology	BMEVIETA302	3/1/1	Exam	5	3	21/12/2010
Control Engineering	BMEVILIA303	3/2/0	Exam	5	5	04/01/2011
Laboratory I.	BMEVIMIA304	0/0/4	Mid-term mark	5	4	10/12/2010
Infocommunication	BMEVITMA301	3/2/0	Exam	5	5	06/01/2011

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2010/11/2, credit points: 33

Subject	Subject code	Lessons per week	Requirement	Credit points	Grade	Date
Business Law	BMEGT55A001	2/0/0	Mid-term mark	2	5	08/05/2011
Physical Education F.	BMEGT701012	0/2/0	Signature	0	Signed	13/05/2011
Microelectronics design	BMEVIEEA328	3/1/0	Exam	4	5	23/05/2011
Microelectronics technology	BMEVIEEA329	3/1/0	Exam	4	5	25/05/2011
Microelectronics Laboratory	BMEVIEEA330	0/0/3	Mid-term mark	4	5	13/05/2011
Project Laboratory	BMEVIEEA339	0/0/4	Mid-term mark	5	5	13/05/2011
Electronics Manufacturing and Quality Assurance	BMEVIETA331	3/1/0	Exam	4	4	19/05/2011
Quantum Computing and Communication	BMEVIHISV53	4/0/0	Exam	4	5	25/05/2011
Laboratory 2.	BMEVIMIA305	0/0/3	Mid-term mark	4	4	13/05/2011
Engineering Problem Solving	BMEVIVEAK48	2/0/0	Mid-term mark	2	5	17/05/2011

2011/12/1, credit points: 15

Subject	Subject code	Lessons per week	Requirement	Credit points	Grade	Date
Internship	BMEVIEEASZ7		Signature	0	Signed	09/12/2011
BSc Thesis Project	BMEVIEEA418	0/14/0	Mid-term mark	15	5	16/12/2011

If the number of lessons contains / marks, like in le/p/ly, its meaning is: number of lectures/class practices/laboratories.

5. CERTIFICATION OF THE TRANSCRIPT OF ACADEMIC RECORDS

5.1 Official stamp or seal

5.2 Name and signature

Dr. Mihály Szabó
BUDAPEST UNIVERSITY
TECHNOLOGY AND ECONOMICS
CENTRAL STUDY
OFFICE
all behalf of

5.3 Date

17/02/2012

5.4 Capacity

Director of Central Study Office

6. THE HUNGARIAN HIGHER EDUCATION SYSTEM

Credit system

The obligatory use of the ECTS compatible credit system was introduced in September 2003, but several higher education institutions have already been using it since the middle of the 1990s. According to the governmental decree on the introduction of the credit system one credit corresponds to 30 hours student workload. The minimum number of credits for a college-level degree is 180, for a university-level degree is 240, for a further specialisation degree is 60 while for the doctoral degree it is 180.

System of assessment

The assessment of knowledge may occur, generally in five grades: excellent (5), good (4), satisfactory (3), pass (2), and fail (1) or with the classification: excellent (5), satisfactory (3), fail (1).

Academic year

In general, the academic year of higher education institutions consists of two semesters, namely the autumn and the spring semesters. The autumn semester lasts generally from the beginning of September until the end of January. The spring semester lasts from the beginning of February until the end of June. In general, both semesters include a 15-week period for lectures, seminars and practical work and a 6-week examinations period.