

Zador PATAKI

born on 6 August 1998, matriculation number 16-945-545

has passed the following examinations

at the Department of Mechanical and Process Engineering

according to the regulations of 6 July 2010

for the Bachelor's Degree in Mechanical Engineering

	Grade/Result	Weight	Credits (ECTS)
First Year Examinations			
Analysis I / Analysis II	5.25	(16)	
Linear Algebra I / Linear Algebra II	5.25	(6)	
Mechanics 1: Kinematics and Statics / Mechanics 2: Deformable Solids and Structures	5.00	(11)	
Engineering Materials and Production I / Engineering Materials and Production II	4.50	(8)	
Machine Elements / Innovation Process	4.75	(8)	
Informatics	5.00	(4)	
Chemistry	3.50	(3)	
Average First Year Examinations	4.91	33	52
Additional First Year Courses			
Innovation Project	5.50	0	2
Technical Drawing and CAD	4.75	0	4
Second and Third Year Compulsory Courses			
Examination Block 1			
Analysis III	5.75	(3)	
Dynamics	5.50	(6)	
Dimensioning I	3.75	(3)	
Thermodynamics I	3.50	(4)	
Control Systems I	5.00	(4)	
Average Examination Block 1	4.78	12	20
Examination Block 2			
Physics I / Physics II	4.75	(10)	
Electrical Engineering I	6.00	(3)	
Fluid Dynamics I	5.00	(6)	
Thermodynamics II	4.25	(4)	
Average Examination Block 2	4.89	14	23
Examination Block 3			
Thermodynamics III	4.75	(3)	
Fluid Dynamics II	5.25	(3)	
Average Examination Block 3	5.00	4	6
Electives			
Computational Methods for Engineering Applications	5.50	(4)	4
Control Systems II	4.25	(4)	4
Electrical Engineering II	4.75	(4)	4

Director of Studies

Prof. Dr. Dirk Mohr

Weights in brackets serve for the partial averages, weights without brackets for the overall grade point average.



Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich

Bachelor's Degree - Academic Record Decree Translation

Zurich, 29 January 2021

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Bachelor's Degree in Mechanical Engineering

	Grade/Result	Weight	Credits (ECTS)
Electives (continued)			
Introduction to Quantum Mechanics for Engineers	5.75	(4)	4
Signals and Systems	4.50	(4)	4
Stochastics (Probability and Statistics)	5.25	(4)	4
Average Electives	5.00	15	
Focus Specialization: Mechatronics			
Introduction to Machine Learning	5.00	(8)	8
Microrobotics	5.00	(4)	4
Studies on Mechatronics	6.00	(5)	5
Theory of Robotics and Mechatronics	4.50	(4)	4
Average Focus Specialization	5.14	13	
Engineering Tools			
Engineering Tool: Advanced Programming with C++	passed		0.4
Engineering Tool: Modelling	passed		0.4
Engineering Tool I: Computer-Based Mathematics	passed		0.4
Engineering Tool: Introduction to C++ Programming	passed		0.4
Engineering Tool: Introduction to MATLAB	passed		0.4
Laboratory Practice			
Laboratory Practice	passed		2
Science in Perspective			
Introduction to Negotiation	5.25	0	3
Mathematics in Politics and Law	passed		3

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Bachelor's Degree in Mechanical Engineering

Workshop Training

Workshop Training

Bachelor's Thesis

Bachelor's Thesis

Overall Grade Point Average

Total Credits

Grade/Result	Weight	Credits (ECTS)
passed		5
5.75	9	14
5.01		181

Grading scale: 6 is the highest, 1 is the lowest grade; passmark is 4. Ungraded performance assessments are marked with either passed or failed. Credits are granted only if an examination block is graded as passed. An ECTS credit corresponds to a workload of 30 hours.

It is decreed:

1. The candidate is awarded the Bachelor's Degree in Mechanical Engineering.
2. The candidate is awarded the title Bachelor of Science ETH in Mechanical Engineering. Short titles: BSc ETH ME or BSc ETH.

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Further achievements in the Bachelor's Programme in Mechanical Engineering

System Modeling
Engineering Tool: Parallel and Concurrent Programming in C++
Research Ethics

Grade/Result	Credits (ECTS)
4.00	4
failed	0
no show	



Director of Studies
Prof. Dr. Dirk Mohr

Certified Translation
ETH Zurich, 1 February 2021


