

25.06.2020 08:10

Pettinen Jeremias Jalmari Jormanpoika  
Jakomäentie 10a C 520  
00770 HELSINKI

Student number 431187  
Date of birth 29.11.1994  
Date of registration 01.08.2013

Enrolment Autumn 2019 Attending  
Spring 2020 Attending

Study right granted by Aalto University School of Science  
Student's organisation Aalto University School of Science  
Decree Decree on University Degrees 794/2004, Degree Regulations of 2013  
Degree pursued Bachelor of Science (Technology)  
Programme Bachelor's Programme in Science and Technology  
Study Module Engineering Physics and Mathematics  
Major/Research field Engineering Physics  
Minor Computer Science  
Validity 01.08.2013-31.07.2021

Code	Name	Cr	Grade	Date	Lang	Teacher
<b>COURSES COMPLETED</b>		<b>170,00</b>	<b>4,57</b>			
<b>BASIC STUDIES</b>		<b>65,00</b>	<b>4,66</b>			
<b>General Studies</b>		<b>65,00</b>	<b>4,66</b>			
CSE-A1110	Programming 1	5,00	5	16.12.2013		Juha Sorva
ENG-A1005	Futures forum in Engineering	3,00	Pass	10.12.2015		Markku Kuuva
ICS-A1120	Programming 2	5,00	5	29.05.2015		Petteri Kaski, Tommi Junntila
Kie-98.1115	Persuasive Communication (o,w)	3,00	5	13.11.2014		Anya Siddiqi
Kie-98.5001	National Language Requirement (Swedish) Writing Test	1,00	G	11.12.2013		Hanna Husu
Kie-98.5002	National Language Requirement (Swedish) Oral Test	1,00	S	17.12.2013		Hanna Husu
MS-A0001	Matrix Algebra	5,00	5	13.11.2013		Harri Hakula
MS-A0101	Differential and Integral Calculus 1	5,00	4	10.12.2013		Pekka Alestalo
MS-A0201	Differential and Integral Calculus 2	5,00	5	13.03.2014		Pekka Alestalo
MS-A0301	Differential and integral calculus 3	5,00	5	10.04.2014		Pekka Alestalo
MS-A0502	First Course in Probability and Statistics	5,00	5	16.06.2014		Kari Eloranta
PHYS-A0110	Introduction to University Physics (TFM)	5,00	4	23.10.2013		Jami Kinnunen, Lauri Parkkonen
PHYS-A0130	Electromagnetism (TFM)	5,00	5	25.03.2014		Matti Kaivola, Sebastian van Dijken
PHYS-A0140	Structure of Matter (TFM)	5,00	4	13.05.2014		Adam Foster, Robin Ras
SCI-A0000	Introduction to Studies	2,00	Pass	17.04.2014		Eero Eloranta
TU-A1100	Industrial Engineering and Management 1	5,00	4	19.12.2014		Eero Eloranta
<b>STUDIES IN MAJOR</b>		<b>55,00</b>	<b>4,45</b>			
<b>Mathematics and Systems Sciences, being grouped</b>		<b>55,00</b>	<b>4,45</b>			
MS-C1340	Linear algebra and differential equations	5,00	4	01.09.2014		Kari Eloranta

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Code	Name	Cr	Grade	Date	Lang	Teacher
MS-C1350	Partial Differential Equations	5,00	4	23.10.2014		Juha Kinnunen
MS-C1540	Euclidean Spaces	5,00	5	15.02.2016		Pekka Alestalo
MS-C1650	Numerical Analysis	5,00	5	09.05.2016		Harri Hakula
MS-C2105	Introduction to Optimization	5,00	5	05.04.2016		Harri Ehtamo
MS-C2111	Stochastic Processes	5,00	5	19.01.2016		Lasse Leskelä
PHYS-A0120	Thermodynamics (TFM)	5,00	3	12.01.2014		Kati Miettunen, Peter Liljeroth
SCI-C0200	Physics and Mathematics Studio	10,00	5	28.05.2014		Mika Sillanpää
SCI-C1000	SCI project	10,00	4	16.12.2016		Stina Giesecke
<b>STUDIES IN MINOR</b>		<b>25,00</b>	<b>4,60</b>			
<b>Computer Science and Engineering</b>		<b>25,00</b>	<b>4,60</b>			
CSE-A1140	Data Structures and Algorithms	5,00	3	07.12.2015		Ari Korhonen
CSE-A1200	Databases	5,00	5	24.05.2016		Kerttu Pollari-Malmi
CSE-C3210	Web Software Development	5,00	5	20.02.2016		Otto Seppälä
ELEC-A7100	Basic Course in C programming	5,00	5	01.09.2016		Pasi Sarolahti
ICS-C2000	Theoretical Computer Science	5,00	5	06.04.2016		Tommi Junttila
<b>ELECTIVE STUDIES (BACHELOR'S DEGREE)</b>		<b>25,00</b>	<b>4,60</b>			
<b>Elective Studies</b>		<b>25,00</b>	<b>4,60</b>			
ICS-E4020	Programming Parallel Computers D	5,00	5	22.05.2016		Jaakko Lehtinen, Jukka Suomela
MS-A0401	Foundations of Discrete Mathematics	5,00	5	22.10.2015		Gustaf Gripenberg
MS-C1300	Complex Analysis	5,00	5	17.02.2015		Antti Rasila
MS-C1420	Fourier Analysis	5,00	5	24.10.2016		Ville Turunen
PHYS-C0210	Quantum Mechanics	5,00	3	16.12.2014		Jani-Petri Martikainen

25 June 2020

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The extent of studies is measured in credits (cr). The average number of hours required in one academic year of studies, 1 600 hours, corresponds to 60 credits. One credit as calculated according to the previous credit system (ocr) indicates an input of approximately 40 hours of student work.

Grading: courses are graded either on a scale of 5 (highest), 4, 3, 2, 1 or Pass / Fail. The National Language Requirement Test: Good Knowledge (G) / Satisfactory Knowledge (S). The bachelor's thesis and seminar (field of technology) is graded on a scale of 1-5 or Pass with Distinction (PwD) / Pass in accordance with the degree regulations of the school. The modules to be included in the doctoral degrees (field of technology): Pass with Distinction (PwD) / Pass.

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Those courses which are graded 5, 4, 3, 2 and 1 are included in the credit-weighted average grade. Average grade has been calculated if the group includes at least two courses graded on a scale of 1-5 or the extent of the course/s graded on a scale of 1-5 is at least half of the extent of the group. If this provision is not met, average grade is not calculated. The average grades have been rounded to two decimals.

Weight 2 is indicated in brackets beside the grade. (School of Business)

As of 1 August 2018, the student's language of study attainments will be printed on the transcript of records for any course taken on or after 1 August 2018. Language codes: fi = Finnish, sv = Swedish, en = English.