Student, Personal Identity Code	Ijini Uthpala Lekamge Lekam Mudiyanselage, 231100A740K
OID	1.2.246.562.24.45436412214
Degree Programme, credits	Bachelor's Degree Programme in Information and Communications Technology, 240.00 cr
Form of education	Studies leading to Bachelor's degree (Full Time)
Language of Instruction	English
Completed	243.00 cr
Average grade of completed courses	4.05
Weighted average grade of completed courses	4.09

Studies	Credits	Grade	Date
STUDENT WELLBEING IN STUDIES AND AT WORK	**5.00**		
ZZPP0520 Development as an Expert	5.00	P	27.3.2025
Modules 4: Working Life Skills	1.00	P	6.3.2024
Reporting		P	25.5.2023
Module 5: Career Planning and PLP discussions	1.00	P	27.3.2025
Module 1: Orientation to Studies	1.00	P	24.5.2023
Module 2: JAMK as Study environment	1.00	P	24.5.2023
Module 3: Study- and Work Well Being	1.00	P	7.6.2024
LANGUAGES AND COMMUNICATION STUDIES	**11.00**		
ZZPC0220 English for Working Life	4.00	3	5.6.2023
ZWPC0420 Communication Skills for Working Life	3.00	3	13.6.2023
ZWPC0820 Finnish 1	4.00	4	15.5.2023
FUTURE FACTORY	**15.00**		
ZZPP0750 Entrepreneurship	3.00	P	18.12.2023
ZZPP0740 JAMK InnoFlash	2.00	P	5.12.2022
ZZPP0920 Future Factory Project	10.00	5	2.5.2024
Sustainable Development	2.00	P	30.4.2024
Project	8.00	5	2.5.2024
BASIC ENGINEERING MATHEMATICS AND PHYSICS	**15.00**		
TZLM1300 Math1 Equations	3.00	4	19.12.2022
TZLM2300 Math2 Functions	3.00	3	7.3.2023
TZLM3300 Math3 Derivative and Integral	3.00	3	2.5.2023
TZLF1300 Phys1 Force and Motion	3.00	5	1.5.2023
TZLF2300 Phys2 Energy	3.00	4	7.12.2023
MATHEMATICS AND APPLYING OF NATURAL SCIENCES IN INFORMATION AND COMMUNICATION TECHNOLOGY	**15.00**		
TZLF8010 Physics 3 - Electromagnetism and Waves	4.00	5	23.4.2024
TZLF8020 Physics 4 - Laboratory work	2.00	4	15.12.2023
TZLM4300 Math4 Discrete Mathematics	3.00 *h1*	P	23.8.2023
TZLM7020 Applied mathematics: Cryptology	3.00	P	30.4.2024
TZLM7050 Applied mathematics: Vectors and Matrices	3.00	P	18.12.2023
SUPPORT STUDIES	**3.00**		
TZMV1100 Math1 Support	1.00	P	9.12.2022
TZMV2100 Math2 Support	1.00	P	7.3.2023
TZMV3100 Math3 Support	1.00	P	2.5.2023
TIC, INFORMATION TECHNOLOGY	**28.00**		
ZZPP0420 ICT Skills	3.00	P	23.11.2022
TTC1010 IT Service Platforms	3.00	5	11.12.2023
TTC1020 Cyber Security	4.00	3	6.5.2024
TTC1030 Data Networks	5.00	1	3.5.2023
TTC1040 Linux Basics	5.00	5	2.12.2022
TTC1050 Data Structures and Algorithms	3.00	4	11.4.2024

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Studies	Credits		Grade	Date
TTC1060 Digital Technology and Hardware	5.00		3	15.5.2023
TIC, SOFTWARE ENGINEERING	**31.00**			
TTC2010 Web Technologies	4.00		3	19.12.2022
TTC2020 Databases	4.00	*h2*	4	28.3.2022
TTC2030 Basics of Programming	5.00		4	12.12.2022
TTC2040 Introduction to IoT-systems	3.00		4	7.12.2023
TTC2050 Introduction to Data Analytics and Artificial Intelligence	3.00		4	2.4.2024
TTC2060 Basics of Scripting and Automatization	3.00		4	7.12.2023
TTC2070 Project Management and Practices	4.00		P	28.11.2023
TTC2080 Full Stack Programming	5.00		4	13.12.2023
DATA-ANALYTICS AND ARTIFICIAL INTELLIGENCE	**30.00**			
TTC8010 Computational algorithms	4.00		5	30.4.2025
TTC8020 Data-Analysis and Machine Learning Basics	4.00		4	30.4.2025
TTC8030 Data Preprocessing	4.00		5	5.2.2025
TTC8040 Data Analysis and Visualization	4.00		5	7.3.2025
TTC8050 Machine Learning	4.00		4	11.2.2025
TTC8060 Deep Learning	5.00		4	13.3.2025
TTC8070 AI / DA -Project	5.00		4	30.4.2025
APPLICATION DEVELOPMENT	**15.00**			
TTC8420 Web User Interface Programming	5.00		4	24.4.2024
TTC8440 Object-oriented Programming	5.00		5	12.12.2023
TTC8450 Mobile Application Development	5.00		5	9.4.2025
TTC8460 Android Application Development	5.00		0	
RESEARCH-BASED DEVELOPMENT IN PRACTICE	**20.00**			
ZZPP0620 Research and Development	5.00		P	21.5.2025
ZZ00BL91 Bachelor's Thesis, Planning	3.00		5	5.5.2025
ZZ00BL97 Bachelor's Thesis, Thesis Writing	2.00	*h3*	P	30.5.2025
ZZ00BL92 Bachelor's Thesis, Implementation	6.00		5	6.5.2025
ZZ00BL93 Bachelor's Thesis, Reporting and Assessment	4.00		5	27.5.2025
ZZOA0220 Maturity Test		*v1*		26.5.2025
PRACTICAL TRAINING	**45.00**			
TTHA0120 Advancement Professional Training	15.00		P	21.5.2025
Practical training	30.00	*h4*	P	20.12.2024
ELECTIVE STUDIES	**10.00**			
TZMV0300 Preparatory Mathematics	3.00		P	24.10.2022
Talent Boost: Integration into Finland	**7.00**			
HBII1000 Integration into the Finnish Society	2.00		P	30.5.2023
BI00BB12 Improve Your English	5.00		3	26.5.2023

Thesis name:

Utilizing Artificial Intelligence to Advance Quantum Computing Capabilities

Recognition of Studies

h1 = Discrete Mathematics, 23.8.2023, Metropolia University of Applied Sciences

h2 = Databases, 28.3.2022, JAMK University of Applied Sciences

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h3 = Bachelor's Thesis, Thesis Writing, 30.5.2025, JAMK University of Applied Sciences

h4 = Practical training, 20.12.2024, JAMK University of Applied Sciences

Exemptions

v1 = Special reason

REGULATIONS

The studies are measured in credits (cr). A student's average study effort of 1,600 hours required for the completion of studies during one academic year corresponds to 60 credits. (Decree 1129/2014 § 3.) The Finnish credits are equivalent to the ECTS credits.

The Finnish grades are converted to ECTS grades as follows (ECTS grades in brackets): 5 (A), 4 (B), 3 (C), 2 (D), 1 (E), 0/fail (F or FX).

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University of Applied Sciences

Electronic signature

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