Category	Course name	Score	GPA	Grade
Math.	Math. (I)	19.5	4	A
	Math. (II)	19	4	A
	Differential Equations	19.8	4	A
	Engineering Statistics	20	4	A
	Stochastic Processes (I)	20	4	A
	Engineering Mathematics	20	4	A
Algorithm	Discrete Structures	17.5	4	A
	Data Struct. & Algorithms	20	4	A
	Design of Algorithms	20	4	A
	Topics in Computer Science (Algorithm II)	20	4	A
Theory of Computation	Theory of Machines & Languages	20	4	A
	Design of Programming Language	19	4	A
	Principles of Compiler Design	18.6	4	A
AI related Courses	Artificial Intelligence	20	4	A
	Principles of Database Design	18.4	4	A
	Database Design Lab.	20	4	A
	Data Storage & Retrieval	20	4	A
	Foundations of Data Mining	19	4	A
Programming	Principles of Computer & Prog.	17	4	A
	Advanced Computer Programming	19.5	4	A
	Computer Laboratory	20	4	A
Management	Fundamentals of Management	20	4	A
	Management & Control of IT Projects	20	4	A
	Information Technology Stratigic Planning	20	4	A
Hardware	Logic Circuits	19.4	4	A
	Logic Circuits Lab.	20	4	A
	Electric Circ. (I)	19.3	4	A
	Electric Circ. (I) Lab.	20	4	A
	Electronic Circuits	19.5	4	A
	Electronic Circuits Lab.	18.5	4	A
	Computer Arch.	19.5	4	A
	Computer Architecture Lab.	19.5	4	A
	Microprocessors (I)	13.5	2	C
	Microprocessors (I) Lab.	19	4	A
Engineering	Software Eng. (I)	13.5	2	C
	Software Engineering (II)	17.5	4	A
	Industrial Training (I) * Software	15.75	3	B
	Operating Sys. Design (I)	20	4	A
	Operating Systems Lab.	20	4	A
	Computer Networks (I)	14.5	3	B
	Computer Networks Laboratory	19	4	A
English	Technical English	13.5	2	C
	English for the Students of Engineering	15.15	3	B
Research And Project	Research Method & Report Writings	18.9	4	A
	BSc Project	20	4	A
Other	General Physics (I)	17.5	4	A

Course	Score	Units	Grade
General Physics Lab (I)	20	4	A
General Physics (II)	12	2	C
General Physics Lab (II)	18	4	A
Physical Education (II) * Football	20	4	A
Physical Education (II) * Swimming	17.25	4	A
Farsi	17.5	4	A
Islamic Thought (I)	19.5	4	A
Man In Islam	17.5	4	A
the Analytic History of Early Islam	17.5	4	A
Applied Ethics	20	4	A
Islamic Rev. of Iran	20	4	A
Nahjulbalaghah Interpretation	17.5	4	A
SUM	1077.55		

		from 4	from 20
Total Units	140	3.79	18.47
Cs Units	84	3.89	18.9
Selected Units	62	4	19.34

Amirkabir University of Technology
B.Sc. Transcript

Amirkabir University of Technology (Tehran Polytechnic)

First name : **ALI**

Last name : **MORTAZAVI**

Department : **Computer Engineering-Computer Engineering-Software**

Student No. : **9231020**

Date Printed: **9 January 2020**

First Semester 2013 - 2014 (1392 - 1393) — Semester Status: Normal

Course Title	Course	Unit	Sc./Deg.	Comments
Math. (I)	1011053	3	19.5	
General Physics (I)	1021303	3	17.5	
Physical Education (II) * Football	1040121	1	19.5	
Islamic Thought (I)	1051122	2	19.5	
Farsi	1051203	3	17.5	
Computer Laboratory	3113201	1	20	
Principles of Computer & Prog.	3115044	4	17	

Taken Units: 17	Passed Units: 17	Failed Units: 0	Ineffective Units: 0	Withdrawn Units: 0	Average: 18.24
Total Taken Units: 17	Total Passed Units: 17	Total Failed Units: 0	Total Ineffective Units: 0	Total Withdrawn Units: 0	Total Average: 18.24

Second Semester 2013 - 2014 (1392 - 1393) — Semester Status: Normal

Course Title	Course	Unit	Sc./Deg.	Comments
Math. (II)	1011103	3	19	
General Physics (II)	1021353	3	12	
General Physics Lab (II)	1022391	1	18	
Man in Islam	1051112	2	17.5	
English for the Students of Engineering	1061103	3	15.15	
Advanced Computer Programming	3115063	3	19.5	
Discrete Structures	3115123	3	17.5	

Taken Units: 18	Passed Units: 18	Failed Units: 0	Ineffective Units: 0	Withdrawn Units: 0	Average: 16.8
Total Taken Units: 35	Total Passed Units: 35	Total Failed Units: 0	Total Ineffective Units: 0	Total Withdrawn Units: 0	Total Average: 17.5

Summer 2014 (1393) — Semester Status: Normal

Course Title	Course	Unit	Sc./Deg.	Comments
Differential Equations	1011253	3	19.8	

Taken Units: 3	Passed Units: 3	Failed Units: 0	Ineffective Units: 0	Withdrawn Units: 0	Average: 19.8
Total Taken Units: 38	Total Passed Units: 38	Total Failed Units: 0	Total Ineffective Units: 0	Total Withdrawn Units: 0	Total Average: 17.68

First Semester 2014 - 2015 (1393 - 1394) — Semester Status: Normal

Course Title	Course	Unit	Sc./Deg.	Comments
the Analytic History of Early Islam	1051012	2	17.5	
Data Struct. & Algorithms	3115143	3	20	
Logic Circuits	3115183	3	19.4	
Electric Circ. (I)	3115293	3	19.3	
Technical English	3117002	2	13.5	
Fundamentals of Management	3144073	3	20	

Taken Units: 16	Passed Units: 16	Failed Units: 0	Ineffective Units: 0	Withdrawn Units: 0	Average: 18.63
Total Taken Units: 54	Total Passed Units: 54	Total Failed Units: 0	Total Ineffective Units: 0	Total Withdrawn Units: 0	Total Average: 17.96

Second Semester 2014 - 2015 (1393 - 1394) — Semester Status: Normal

Course Title	Course	Unit	Sc./Deg.	Comments
Engineering Statistics	1011303	3	20	
Applied Ethics	1051342	2	20	
Electronic Circuits	3105123	3	19.5	
Electric Circ. (I) Lab.	3112291	1	20	
Computer Arch	3115223	3	19.5	
Design of Algorithms	3126533	3	20	
Management & Control of Information Technology Projects	3144043	3	20	

Taken Units: 18	Passed Units: 18	Failed Units: 0	Ineffective Units: 0	Withdrawn Units: 0	Average: 19.83
Total Taken Units: 72	Total Passed Units: 72	Total Failed Units: 0	Total Ineffective Units: 0	Total Withdrawn Units: 0	Total Average: 18.43

First Semester 2015 - 2016 (1394 - 1395) — Semester Status: Normal

Course Title	Course	Unit	Sc./Deg.	Comments

Amirkabir University of Technology
B.Sc. Transcript

First name :	**ALI**	Student No. :	**9231020**
Last name :	**MORTAZAVI**	Date Printed:	**9 January 2020**
Department	**Computer Engineering-Computer Engineering-Software**		

First Semester 2015 - 2016 (1394 - 1395)
Semester Status: Normal

Course Title	Course	Unit	Sc./Deg.	Comments
ENGINEERING MATHEMATHICS	1011713	3		WITHDRAWN
Logic Circuits Lab.	3112181	1	20	
Operating Sys. Design (I)	3115243	3	20	
Computer Networks (I)	3119233	3	14.5	
Software Eng. (I)	3126213	3	13.5	
Information Technology Stratigic Planning	3144053	3	20	

Taken Units: 16	Passed Units: 13	Failed Units: 0	Ineffective Units: 0	Withdrawn Units: 3	Average: 17.23
Total Taken Units: 88	Total Passed Units: 85	Total Failed Units: 0	Total Ineffective Units: 0	Total Withdrawn Units: 3	Total Average: 18.25

Second Semester 2015 - 2016 (1394 - 1395)
Semester Status: Normal

Course Title	Course	Unit	Sc./Deg.	Comments
General Physics Lab (I)	1022371	1	20	
Theory of Machines & Languages	3105113	3	20	
Microprocessors (I) Lab.	3112261	1	19	
Operating Systems Lab.	3113531	1	20	
Microprocessors (I)	3115263	3	13.45	
Research Method & Report Writings	3115322	2	18.9	
Software Engineering (II)	3126223	3	17.5	
Data Storage & Retrieval	3126503	3	20	
Principles of Database Design	3126523	3	18.4	

Taken Units: 20	Passed Units: 20	Failed Units: 0	Ineffective Units: 0	Withdrawn Units: 0	Average: 18.24
Total Taken Units: 108	Total Passed Units: 105	Total Failed Units: 0	Total Ineffective Units: 0	Total Withdrawn Units: 3	Total Average: 18.25

Summer 2016 (1395)
Semester Status: Normal

Course Title	Course	Unit	Sc./Deg.	Comments
Industrial Training (I) * Software	3127112	2	15.75	

Taken Units: 2	Passed Units: 2	Failed Units: 0	Ineffective Units: 0	Withdrawn Units: 0	Average: 15.75
Total Taken Units: 110	Total Passed Units: 107	Total Failed Units: 0	Total Ineffective Units: 0	Total Withdrawn Units: 3	Total Average: 18.2

First Semester 2016 - 2017 (1395 - 1396)
Semester Status: Normal

Course Title	Course	Unit	Sc./Deg.	Comments
Islamic Rev. of Iran	1051412	2	0	EXAM ABSENCE - INEFFECTIVE
Stochastic Processes (I)	1126363	3	20	
Topics in Computer Science	1218393	3	20	
Computer Architecture Lab.	3112221	1	19.5	
Database Design Lab.	3123321	1	20	
Design of Programming Language	3126193	3	19	
Artificial Intelligence	3129313	3	20	

Taken Units: 16	Passed Units: 14	Failed Units: 0	Ineffective Units: 2	Withdrawn Units: 0	Average: 19.75
Total Taken Units: 126	Total Passed Units: 121	Total Failed Units: 0	Total Ineffective Units: 2	Total Withdrawn Units: 3	Total Average: 18.38

Second Semester 2016 - 2017 (1395 - 1396)
Semester Status: Normal

Course Title	Course	Unit	Sc./Deg.	Comments
ENGINEERING MATHEMATHICS	1011713	3	20	
Physical Education (II) * Swimming	1040111	1	17.25	
Islamic Rev. of Iran	1051412	2	20	
Nahjulbalaghah Interpretation	1051522	2	17.5	
Electronic Circuits Lab.	3102121	1	18.5	
Computer Networks Laboratory	3113541	1	19	
Principles of Compiler Design	3126583	3	18.6	
Project * Software	3127553	3	20	
Foundations of Data Mining	3159573	3	19	

Amirkabir University of Technology
B.Sc. Transcript

**Amirkabir University of Technology
(Tehran Polytechnic)**

First name :	**ALI**	Student No. : **9231020**
Last name :	**MORTAZAVI**	Date Printed: **9 January 2020**
Department	**Computer Engineering-Computer Engineering-Software**	

Taken Units: 19	Passed Units: 19	Failed Units: 0	Ineffective Units: 0	Withdrawn Units: 0	Average: 19.08
Total Taken Units: 145	Total Passed Units: 140	Total Failed Units: 0	Total Ineffective Units: 2	Total Withdrawn Units: 3	Total Average: 18.47

This is an unofficial transcript issued solely for the student information and possible use for provisional admission to the graduate school. The official transcript will be provided upon formal request to: Vice Chancellor for Academic Affairs, Amirkabir University of Technology, P.O.Box 15875-4413 Tehran, Iran, registraroffice@aut.ac.ir

Not valid without signature and authorized seal of the registrar, both on the transcript and the envelope.