Faculty of Engineering
Ain Shams University
Cairo, Egypt

جامعة عين شمس

TRANSCRIPT

Issue Date: 13-08-2024
National ID: 30007150100975

Name: Mostafa Ashraf Ibrahim Ali El Feel

AE02222846

Bachelor of Engineering - Record of Achievement

This Bachelor of Engineering follows the model of the faculty of engineering council and (National Academic Reference Standards) NARS. The purpose of the supplement is to provide sufficient independent data to improve the international "transparency" and fair academic and professional recognition of qualifications (diplomas, degrees, certificates, etc.) It is designed to provide a description of the nature, level, context, content and status of the studies that were pursued and successfully completed by the individual named on the original qualification to which this supplement is appended. It should be free from any value-judgements, equivalence statements or suggestions about recognition. Information is in all eight sections.

Information Identifying the Holder of the Qualification

Name: Mostafa Ashraf Ibrahim Ali El Feel
Date of Birth: 15-07-2000
Nationality: Egyptian

National ID: 30007150100975
Student ID: 18P7611

Information Identifying the Qualification

Qualification: Bachelor of Science in Mechanical Engineering
Program of Study: Mechatronics Engineering and Automation

Language of Instruction: English
Awarding Institution: Faculty of Engineering

Information Identifying the Holder General Grade

Cumulative GPA: 3.38
Achieved Cumulative Credit Hours: 171
Graduation Project GPA: 4

Overall Ranking: 13 out of 92
Total Cumulative Credit Hours: 154
Graduated In: June 2023

Information on the contents and results gained

Please refer to courses and grades in the next section

Completed courses details

Semester Completed	Course Code	Course Name	CH	Contact Hours	Grade	CP	RE	EA	IM
Fall 2018	PHM012	Mathematics (1)	3	5	C+	6.9	☐	☐	☐
Fall 2018	PHM021	Vibration and Waves	3	5	B	9	☐	☐	☐
Fall 2018	PHM031	Statics	3	5	C+	6.9	☐	☐	☐
Fall 2018	MDP011	Engineering Drawing	3	6	A+	12	☐	☐	☐

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Fall 2018	PHM041	Engineering Chemistry	3	5	C-	5.1	☐	☐	☐
Fall 2018	CSE031	Computing in Engineering	2	3	B-	5.4	☐	☐	☐
Spring 2019	PHM013	Mathematics (2)	3	5	B-	8.1	☐	☐	☐
Spring 2019	PHM022	Electricity and Magnetism	3	5	B	9	☐	☐	☐
Spring 2019	PHM032	Dynamics	3	5	A	12	☐	☐	☐
Spring 2019	CEP011	Projection and Engineering Graphics	3	6	A-	11.1	☐	☐	☐
Spring 2019	MDP081	Production Engineering	3	5	B-	8.1	☐	☐	☐
Spring 2019	ENG011	Fundamentals of Engineering	2	3	C+	4.6	☐	☐	☐
Fall 2019	PHM111	Probability and Statistics	2	4	A	8	☐	☐	☐
Fall 2019	PHM131	Rigid body dynamics	2	4	A-	7.4	☐	☐	☐
Fall 2019	PHM112	Differential Equations and numerical analysis	4	5	A+	16	☐	☐	☐
Fall 2019	MDP151	Structure and properties of materials	2	4	B+	6.6	☐	☐	☐
Fall 2019	EPM116	Electrical Circuits & machines	4	6	A	16	☐	☐	☐
Fall 2019	MDP183	Manufacturing technologies	4	7	B-	10.8	☐	☐	☐
Spring 2020	CSE131	Computer programming	0	5	Pass	0	☐	☐	☐
Spring 2020	MDP232	Industrial project manegement	0	3	Pass	0	☐	☐	☐
Spring 2020	ECE215	Introduction to electronics	0	4	Pass	0	☐	☐	☐
Spring 2020	MEP214	Thermal power engineering	0	5	Pass	0	☐	☐	☐
Spring 2020	MDP111	Mechanical engineering drawing	0	6	Pass	0	☐	☐	☐
Spring 2020	MDP212	Mechnics of machine	0	6	Pass	0	☐	☐	☐
Fall 2020	CSE111	Logic Design	3	5	A	12	☐	☐	☐
Fall 2020	MEP222	Introduction to Fluid Mechanics	3	5	A-	11.1	☐	☐	☐
Fall 2020	MCT231	Engineering Measurements	3	5	B-	8.1	☐	☐	☐
Fall 2020	MDP112	Machine Construction	3	4	B	9	☐	☐	☐
Fall 2020	MCT233	Dynamic Modelling and Simulation	3	5	A-	11.1	☐	☐	☐
Fall 2020	MCT131	Introduction to Mechatronics	3	5	B+	9.9	☐	☐	☐
Spring 2021	ASU112	Report Writing & Communication skills	3	4	B+	9.9	☐	☐	☐
Spring 2021	MDP211	Machine Elements Design	4	7	A	16	☐	☐	☐
Spring 2021	MCT232	Electronics for Instrumentation	3	5	B+	9.9	☐	☐	☐
Spring 2021	MDP231	Engineering Economy	2	3	A-	7.4	☐	☐	☐
Spring 2021	MCT211	Automatic Control	3	5	A	12	☐	☐	☐
Spring 2021	EPM353	Power electronics and motor drives	3	5	B+	9.9	☐	☐	☐
Fall 2021	MCT331	Design of Mechatronic Systems (1)	3	5	A-	11.1	☐	☐	☐
Fall 2021	MCT311	Hydraulics and Pneumatics Control	3	5	B	9	☐	☐	☐
Fall 2021	CSE211	Introduction to Embedded Systems	3	6	A-	11.1	☐	☐	☐
Fall 2021	MCT342	Introduction to Nano-Mechatronics	2	4	A-	7.4	☐	☐	☐
Fall 2021	MCT343	Introduction to Bio-Mechatronics	2	4	B+	6.6	☐	☐	☐
Fall 2021	MCT341	Introduction to Autotronics	2	4	A	8	☐	☐	☐
Fall 2021	ASU335	Literature and Arts	2	2	A-	7.4	☐	☐	☐
Spring 2022	CSE411	Real-Time and Embedded Systems Design	3	4	A	12	☐	☐	☐
Spring 2022	MCT313	Automation	3	5	C+	6.9	☐	☐	☐
Spring 2022	MCT344	Industrial Robotics	3	5	B	9	☐	☐	☐
Spring 2022	MCT332	Design of Mechatronic Systems (2)	3	4	A	12	☐	☐	☐

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Semester Completed	Course Code	Course Name	CH	Contact Hours	Grade	CP	RE	EA	IM
Spring 2022	MCT345	Industrial Mechanisms and Robotics	3	5	B+	9.9	☐	☐	☐
Spring 2022	MCT443	Design of Autonomous systems	3	5	A-	11.1	☐	☐	☐
Summer 2022	ASU114	Selected Topics in Contemporary Issues	2	2	B-	5.4	☐	☐	☐
Summer 2022	ASU111	Human Rights	2	3	B+	6.6	☐	☐	☐
Fall 2022	CSE473	Computational Intelligence	2	4	B+	6.6	☐	☐	☐
Fall 2022	CSE480	Machine Vision	3	5	A-	11.1	☐	☐	☐
Fall 2022	MCT431	Industrial Communications and Networks Systems	3	5	B+	9.9	☐	☐	☐
Fall 2022	MCT491	Mechatronics Graduation Project (1)	3	5	A+	12	☐	☐	☐
Fall 2022	MCT411	Hybrid Control Systems	3	4	A-	11.1	☐	☐	☐
Spring 2023	MCT449	Selected topics in Industrial Mechatronics	2	3	A	8	☐	☐	☐
Spring 2023	MCT492	Mechatronics Graduation Project (2)	3	5	A+	12	☐	☐	☐
Spring 2023	MDP494	Advanced Manufacturing Technology & Prototyping	3	5	B+	9.9	☐	☐	☐
Spring 2023	ASU323	Introduction to Accounting	2	3	B+	6.6	☐	☐	☐
Spring 2023	ASU113	Professional Ethics and Legislations	3	4	A-	11.1	☐	☐	☐
Total:			154	281		521.1			

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AE02222813

Information Identifying the student progress

Term	Term GPA	Cumulative GPA
Fall 2018	2.66	2.66
Spring 2019	3.11	2.89
Fall 2019	3.6	3.13
Spring 2020	0	3.13
Fall 2020	3.4	3.2
Spring 2021	3.62	3.29
Fall 2021	3.56	3.33
Spring 2022	3.38	3.34
Summer 2022	3	3.33
Fall 2022	3.62	3.36
Spring 2023	3.66	3.38
Total Terms	11	

Courses distribution among departments

Department	No of Courses	Credit Hours
PHM	10	29
MDP	11	24
CSE	7	16
CEP	1	3
ENG	1	2
EPM	2	7
ECE	1	0
MEP	2	3
MCT	20	56
ASU	6	14

Certification of supplement

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List of Abbreviations

Field	#	Discipline	Acronym
Basic Science	1	Engineering Physics and Mathematics Department	PHM
Mechanical Engineering	2	Design and Production Engineering Department	MDP
	3	Mechanical Power Engineering Department	MEP
	4	Automotive Engineering Department	MEA
	5	Mechatronics Engineering Department	MCT
Architectural Engineering	6	Architectural Engineering Department	ARC
	7	Urban Design and Planning Department	UPL
Electrical Engineering	8	Electrical Power and Machines Engineering Department	EPM
	9	Electronics and Electrical Communication Engineering Department	ECE
	10	Computer and Systems Engineering Department	CSE
Civil Engineering	11	Structural Engineering Department	CES
	12	Irrigation and Hydraulics Engineering Department	CEI
	13	Public Works Engineering Department	CEP
	14	University requirements	HUM , ASU
	15	Faculty requirements	ENG

Grade Classification

The GPA of each course is calculated based on the marks a student collects during his study of this course (Student Activities – Mid Term Exam – Oral/Practical – Final Exam). The following table shows how to calculate the GPA based on the collected marks. The student must get a minimum Grade D in order to pass the course and be considered in the calculation of the Cumulative GPA.

Percentage achieved	Grade	Points
More than 97%	A+	4
93% to less than 97%	A	
89% to less than 93%	A-	3.7
84% to less than 89%	B+	3.3
80% to less than 84%	B	3
76% to less than 80%	B-	2.7
73% to less than 76%	C+	2.3
70% to less than 73%	C	2
67% to less than 70%	C-	1.7
64% to less than 67%	D+	1.3
60% to less than 64%	D	1
Less than 60%	F	0

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Declaration of Honor

- For a student to achieve the declaration of honor, he has to fulfill the following conditions:
- Maintain a cumulative GPA of 3.3 throughout his study at the Program and any semester GPA should be higher than or equal 3.3.
- Does not fail any course throughout his study at the Program.
- Did not get any penalty throughout his study at the Faculty

Enrolment requirements

- The Faculty of Engineering, Ain Shams University is a Public University. It offers Higher Education in Specialized Programs for Free (Scholarship from the Government) based on the Egyptian Constitution. The students who benefit from this Free Education are those who have completed The Egyptian High School Diploma (Thanaweya Amma) or equivalent, and enrolled to the Faculty of Engineering through the National Coordination Office in the same year of achieving this Diploma or equivalent. The student keeps his Free Education as long as he fulfils the conditions mandated by the Egyptian Laws for Universities and these Bylaws.
- All Programs in these Bylaws are offered with the Credit-Hour System.
- Programs in these Bylaws are divided into two categories: Specialized and Inter-Disciplinary.
- The Free Education students are allowed to be enrolled in the Specialized Programs, whereas the Inter-Disciplinary Programs (previously known as New Programs) have separate Tuition Fees decided by the Faculty Council every year.
- Students who are not enrolled directly to the Faculty of Engineering, Ain Shams University, through the National Coordination Office, but has achieved the minimum Engineering Sector requirement, can join the InterDisciplinary Programs paying the separate Tuition Fees decided by the Faculty Council every year.
- Students who are enrolled directly to the Faculty of Engineering, Ain Shams University, through the National Coordination Office, can join the InterDisciplinary Programs paying the separate Tuition Fees. The Council of the Faculty of Engineering, Ain Shams University can award extra scholarships for students who have achieved a minimum GPA, or students with limited financial abilities, according to the rules announced by the Council every year.
- The top Thirty students in the Egyptian High School Diploma (Thanaweya Amma –Mathematics Section), are fully exempted from paying any tuition fees if they join the Interdisciplinary Programs students. To maintain this exemption in the following semesters, the student should maintain a minimum GPA of 3.3 in every semester, otherwise the student will lose this privilege and the other rules will apply.
- If the Free Education student fails to achieve a minimum Semester GPA of 2.0 for 4 consecutive main semesters, he can be exceptionally allowed to register courses for 2 more semesters paying the separate Tuition Fees decided by the Faculty Council at the year of registering the course.
- If a student enrolled in any of the Specialized Programs fails a course two times, he is allowed to register this course again for 4 more times paying the separate Tuition Fees decided by the Faculty Council every year at the year of registering the course.
- Free Education students can only register courses in the main semesters. However, they can register courses in the summer semester paying the separate Tuition Fees decided by the Faculty Council every year at the year of registering the course.
- Free Education students have to register a minimum of 12 Credit hours every main semester.
- Free Education students are allowed to register in the required courses to achieve the degree awarding requirements for his program. Any registered Credit Hours beyond the Program required Credit Hours for any reason is charged the separate Tuition Fees decided by the Faculty Council every year at the year of registering the course.
- Any student not enrolled to the Faculty of Engineering, Ain Shams University can register any number of courses paying the separate Tuition Fees decided by the Council of Ain Shams.

Program Study Duration

- The minimum allowed study duration is nine main semesters.
- The maximum allowed study duration is twenty main semesters (ten years), which does not include frozen semesters for reasons accepted by the Faculty of Engineering Council, after which the student is dismissed from the programs.

Degree Awarding Requirements

- To obtain the Bachelor of Science Degree in Engineering, the student must successfully complete the required Credit Hours in one of the programs according to the requirements stipulated in Part D, with a GPA at graduation of at least 2.0.
- The student must pass all zero-credit courses in his Program.
- A graduation project is an essential part of all the programs requirements for graduation. The graduation project may be completed over two successive semesters, as per the program requirement, and the student will not graduate unless he fulfils the project pass requirements. The student must earn at least 130 Credit Hours to register for the graduation project. If the project is divided along two semesters, the student must register them in their order.
- The student must perform Field Training for 12 weeks during his study duration.
- The student can study a number of courses in another University which has a cooperation agreement with Ain Shams University regarding the transfer of Credits. This requires prior approval from the Faculty of Engineering, Ain Shams University. The Credit Hours of these courses are included in the student's graduation requirements, provided that the total Credit Hours of these courses do not exceed 68 Credit Hours.

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