



Student Name:

Student No.:

First: University Requirements (27) Cr.H.

1- Compulsory University Requirements (12) Cr.H.

Course No.	Course Title	Cr.H.	Prere.
0110101	Arabic Skills(1)	3	0110099
0111100	Military Science(*)	3	---
9111101	National Education	3	---
0130101	English Skills(1)	3	0130099

2- Elective University Requirements (15) Cr.H.

*** Social Science : (3-6) Cr.H.**

Course No.	Course Title	Cr.H.	Prere.
0110102	Arabic Skills(2)	3	0110101
0130103	English skills (3)	3	0130102
0140101	French Skills (1)	3	---
0140104	Foreign Language (Italian)	3	---
0140106	Foreign Language (Hebrew)	3	---

*** Social Science and Economics : (3-6) Cr.H.**

Course No.	Course Title	Cr.H.	Prere.
9111111	Introduction to Sociology	3	---
9111112	Introduction to Psychology	3	---
9111133	Human Thought and Civilization(1)	3	---
9111142	Society	3	---
0115255	Culture of Development	3	---

*** Science , Technology, Agriculture and Health : (3-6) CH.**

Course No.	Course Title	Cr.H.	Prere.
9240151	Human and Environment	3	---
9620105	Car Fundamentals	3	---
9761111	Computer Sills	3	0761099
9910101	Human Health & Society	3	---
9910105	Principles of Nursing & First Aid	3	---

Note:

Numbers Using in Study Plan:

(610) Electrical Eng. (620) Mechanical Eng.
(630) Computer Eng. (640) Mechatronics Eng.
(650) Communication & Electronics Eng. (660) Architecture Eng.

Second: Faculty Requirements (29) Cr.H.

2-1 Compulsory Requirements (26) Cr.H.

Course No.	Course Title	Cr.H.	Prere.
0130102	English Skills (2)	3	0130101
0250101	Calculus (1)	3	---
0250102	Calculus (2)	3	0250101
0211104	Applied Physics	3	---
0620171	Engineering Workshop(1)	1	---
0620172	Engineering Workshop(2)	1	0620171
0620131	Engineering Drawing	3	---
0630263	Programming Language	3	---
0640253	Engineering Skills	3	0130102
0610550	Entrepreneurship	3	0640253+120Cr.H

2-1 Elective Requirements (3) Cr.H.

Course No.	Course Title	Cr.H.	Prere.
0212101	General Chemistry (1)	3	---
0610111	Engineering Principles	3	---

Third: Department of Mechatronics Engineering Requirements(104)Cr.H.

3-1 Compulsory Requirements (89) Cr.H.

Course No.	Course Title	Cr.H.	Prere.
0610211	Electrical Circuits (1)	3	0211104
0610212	Electrical Circuits(2)	3	0610211
0610216	Electrical Circuits Lab	1	0610211*
0650242	Electronics (1)	3	0610211
0620211	Statics	3	0250101
0640233	Dynamics & Vibrations	3	0620211
0640235	Mechanics of Engineering Materials	3	0620211
0620239	Mechanical Drawing	1	0620131
0630211	Logic Circuits	3	0630263
0640221	Mechatronics Programming Lab	1	0630263*
0640242	Sensors & Transducers	3	0650242
0650343	Electronics(1) Lab	1	0610216+0650242*
0640312	Power Electronics & Drives	3	0650242
0640314	Electrical Machines for Mechatronics	3	0650242
0620333	Machine Theory	3	0640233
0640327	Modeling & Simulation	3	0640233+0640242
0640328	Microprocessors & Microcontrollers	3	0630211+0640242
0640335	Thermo fluids	3	0620211+0650260
0640337	Mechanics & Vibration Lab	1	0640233*
0640344	Automatic Control	3	0640327

Course No.	Course Title	Cr.H.	Prere.
0640350	Engineering Project (1)	1	0640233+0650242
0640415	Power Electronics & Machine Lab	1	0650343+0640314*
0640432	Mechanical Design	3	0620333
0640435	Pneumatic & Hydraulic Systems	3	0640335+0640344
0640441	Digital Control	3	0640328+0640344
0640442	Automatic Control Lab	1	0640344*
0640446	Microprocessors & Transducers Lab	1	0650343+0640328*
0640458	Reverse Engineering	3	0640350
0640424	Machine Intelligence	3	0630263+0640344
0640445	Programmable Logic Controllers	3	0640328
0640447	Mechatronics Systems Design	3	0640344+0640445
0640542	Robotics & Automation	3	0640344+0640445
0640544	Mechatronics System Design Lab	1	0640446+0640447*
0640524	CAD/CAM	3	0620172+0640432
0640531	Fluids & Automation Lab	1	0640435*
0640543	Signals Processing	3	0640441
0640551	Engineering Project (2)	1	0640350+120Cr.H.
0640555	Engineering Project (3)	2	0640447+0640551
0640450	Engineering Practicing	0	90 Cr.H.

* Synchronously

** 8 Weeks Continually After Completing 90 Cr.H.

3-2 Aiding Compulsory Requirements (9) Cr.H.

Course No.	Course Title	Cr.H.	Prere.
0650163	Principles of Engineering Analysis	3	0250102
0650260	Engineering Analysis (1)	3	0250102
0630262	Engineering Analysis (2)	3	0650260

3-3 Elective Requirements in Mechatronics Engineering (6) Cr.H.

Course No.	Course Title	Cr.H.	Prere.
0630512	Real Time Systems	3	0640344
0640462	Automation & Operations Control	3	0640344
0640593	Special Topics in Mechatronics	3	Dep. Approval
0640333	Industrial Electronics	3	0640314+0640312