

The First Semester

No.	Code	Subject	Hours per Week			Units
			Theory	Applied	Tutorial	
1	UREQ110	Human Rights	1	-	-	1
3	UREQ112	Computer Programming I	2	2	-	3
6	CREQ110	Engineering Drawing I	1	3	-	2
2	CREQ111	Information Technology	1	2	-	2
4	MATH110	Mathematics I	3	-	1	3
5	PHYS110	Electronics Physics	2	2	-	3
7	ECER110	Engineering Mechanics	2	-	1	2
8	ECER111	Electrical Circuits I	3	3	1	4
<b>Total</b>			15	12	3	20
			30			

The total number of hours for the first semester is 450 hour.

The Second Semester

No.	Code	Subject	Hours per Week			Units
			Theory	Applied	Tutorial	
1	UREQ120	Arabic Language I	1	-	-	1
2	UREQ121	English Language I	2	-	-	2
3	UREQ122	Computer Programming II	2	2	-	3
4	MATH120	Mathematics II	3	-	1	3
5	CREQ120	Engineering Drawing II	1	3	-	2
6	CREQ121	Workshop Technology	-	3	-	1*
7	ECER 120	Electronics Materials	2	-	1	2
8	ECER 121	Electrical Circuits II	3	3	1	4
<b>Total</b>			14	11	3	17
			28			

The total number of hours for the second semester is 420 hour.

The total number of hours for the first year is 870 hour.

The total number of units for the first year is 37 unit.

The First Semester

No.	Code	Subject	Hours per Week			Units
			Theory	Applied	Tutorial	
1	UREQ210	Management Principles	1	-	-	1
2	UREQ211	Arabic Language II	1	-	-	1
3	MATH210	Mathematics III	3	-	1	3
4	CREQ210	Information Technology	1	2	-	2
5	ECER210	Electronics I	3	3	1	4
6	ECER211	Network Analysis I	2	-	-	2
7	ECER212	Digital Electronics I	3	3	-	4
8	ECER213	Electromagnetic Fields I	3	-	1	3
<b>Total</b>			17	8	3	20
			28			

The total number of hours for the first semester is 420 hour.

The Second Semester

No.	Code	Subject	Hours per Week			Units
			Theory	Applied	Tutorial	
1	UREQ220	Democracy	1	-	-	1
2	MATH220	Mathematics IV	3	-	1	3
3	ECER221	Network Analysis II	2	-	1	2
4	ECER220	Electronics II	3	3	1	4
5	ECER221	Transmission Lines	2	-	1	2
6	ECER222	Digital Electronics II	3	3	-	4
7	ECER223	Electromagnetic Fields II	3	-	1	3
8						
<b>Total</b>			17	6	5	19
			28			

The total number of hours for the second semester is 420 hour.

The total number of hours for the second year is 840 hour.

The total number of units for the second year is 39 unit.

The First Semester

No.	Code	Subject	Hours per Week			Units
			Theory	Applied	Tutorial	
1	ECER310	Engineering Statistics and Probability	3	-	1	3
2	ECER311	Energy Conversion I	3	-	-	3
3	ECER312	Communication Systems I	3	3	1	4
4	ECER313	Electronics III	3	3	1	4
5	ECER314	Wave Propagation	2	-	-	2
6	ECER315	Microprocessor	2	3	-	3
7						
8						
<b>Total</b>			16	9	3	19
			28			

The total number of hours for the first semester is 420 hour.

The Second Semester

No.	Code	Subject	Hours per Week			Units
			Theory	Applied	Tutorial	
1	ECER320	Numerical Analysis	3	3	-	4
2	ECER321	Communications Systems II	3	3	1	4
3	ECER322	Computer Architecture	3	-	-	3
4	ECER323	Electronic instrumentation	2	-	-	2
5	ECER324	Antennas	2	-	1	2
6	ECER325	Industrial Management	1	-	-	1
7	ECER326	Energy Conversion II	2	3	-	3
8						
<b>Total</b>			16	9	2	19
			27			

The total number of hours for the second semester is 405 hour.

The total number of hours for the third year is 825 hour.

The total number of units for the third year is 38 unit.

The First Semester

No.	Code	Subject	Hours per Week			Units
			Theory	Applied	Tutorial	
1	CREQ410	Project	-	4	-	2
2	ECER410	Information Theory and Coding**	2	-	1	2
3	ECER411	Microwave Engineering	3	-	-	3
4	ECER412	Digital Signal Processing I	3	-	-	3
5	ECER413	Digital System Design	3	3	-	4
6	ECER414	Control Systems I	3	-	-	3
7	ECER415	Networks and Communication Protocols	2	-	1	2
8						
<b>Total</b>			16	7	2	19
			25			

The total number of hours for the first semester is 375 hour.

The Second Semester

No.	Code	Subject	Hours per Week			Units
			Theory	Applied	Tutorial	
1	CREQ420	Project	-	4	-	2
2	ECER420	VLSI Technology**	2	-	1	2
3	ECER421	Satellite Communications**	2	-	1	2
4	ECER422	Digital Signal Processing II	3	3	-	4
5	ECER423	Wireless and Mobile Communications	3	-	-	3
6	ECER424	Control Systems II	3	3	-	4
7	ECER425	Optical Communications	2	-	-	2
8						
<b>Total</b>			15	10	2	19
			27			

The total number of hours for the second semester is 405 hour.

The total number of hours for the fourth year is 780 hour.

The total number of units for the fourth year is 38 unit.

The total number of hours for the four years is 3315 hour.

The total number of units for the four years is 152 unit.

\*\* Elective subject.

**Approved Elective Subjects:**

- 1- Information Theory and Coding.
- 2- VLSI Technology.
- 3- Satellite Communications.
- 4- Industrial Electronics.
- 5- Data Compression.

- 6- Image Processing.
- 7- Laser Electronics.
- 8- Other Selected Topic(s).