

S.NO.	Dept.	Semester	Offering Dept	Course Code	Title	Category of courses	Faculty Member for Theory	Faculty Member for Lab	Teaching Mode (Theory)	Teaching Mode (Lab)	Session	Class	Section	Total Cr. Hrs.	C.H Lab	C.H. Theory
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1	ECE	1	Hum	HUM100	English Comprehension and Composition	Non Engineering Core	Ms. Memoona Idris	N/A			FA20	BSEE	A	3	0	3
2	ECE	1	Hum	HUM110	Pakistan Studies	Non Engineering Core	Ms. Samiya Shahzad	N/A			FA20	BSEE	A	3	0	3
3	ECE	1	Physics	PHY121	Applied Physics for Engineers	Non Engineering Core	Ms. Faiza Mustafa	Ms. Faiza Mustafa		At Campus	FA20	BSEE	A	4	1	3
4	ECE	1	Math	MTH104	Calculus and Analytical Geometry	Non Engineering Core	Ms. Shazia Rana				FA20	BSEE	A	3	0	3
5	ECE	1	ECE	EEE113	Engineering Drawing	Engineering Core	Ms. Sara Sajid			At Campus	FA20	BSEE	A	1	1	0
6	ECE	1	ECE	MEE102	Engineering Mechanics and Thermodynamics	Engineering Core	Ms. Ayesha Ali		At Campus		FA20	BSEE	A	3	0	3

7	ECE	1	Hum	HUM100	English Comprehension and Composition	Non Engineering Core	Ms. Sara Khan	N/A			FA20	BSEE	B	3	0	3
8	ECE	1	Hum	HUM110	Pakistan Studies	Non Engineering Core	Ms. Tooba Sami	N/A			FA20	BSEE	B	3	0	3
9	ECE	1	Physics	PHY121	Applied Physics for Engineers	Non Engineering Core	Dr. Siddique Akhtar Ehsan	Dr. Siddique Akhtar Ehsan		At Campus	FA20	BSEE	B	4	1	3
10	ECE	1	Math	MTH104	Calculus and Analytical Geometry	Non Engineering Core	Ms. Shazia Rana				FA20	BSEE	B	3	0	3
11	ECE	1	ECE	EEE113	Engineering Drawing	Engineering Core	Ms. Sara Sajid			At Campus	FA20	BSEE	B	1	1	0
12	ECE	1	ECE	MEE102	Engineering Mechanics and Thermodynamics	Engineering Core	Mr. Umair Safdar		At Campus		FA20	BSEE	B	3	0	3

13	ECE	1	Hum	HUM100	English Comprehension and Composition	Non Engineering Core	Ms. Sara Khan	N/A			FA20	BSEE	C	3	0	3
14	ECE	1	Hum	HUM110	Pakistan Studies	Non Engineering Core	Ms. Sara Saeed	N/A			FA20	BSEE	C	3	0	3
15	ECE	1	Physics	PHY121	Applied Physics for Engineers	Non Engineering Core	Dr. Amna Mir	Dr. Amna Mir		At Campus	FA20	BSEE	C	4	1	3
16	ECE	1	Math	MTH104	Calculus and Analytical Geometry	Non Engineering Core	Ms. Shazia Rana				FA20	BSEE	C	3	0	3
17	ECE	1	ECE	EEE113	Engineering Drawing	Engineering Core	Ms. Sara Sajid			At Campus	FA20	BSEE	C	1	1	0
18	ECE	1	ECE	MEE102	Engineering Mechanics and Thermodynamics	Engineering Core	Mr. Talha Raheem		At Campus		FA20	BSEE	C	3	0	3

19	ECE	3	Hum	HUM111	Islamic Studies	Non Engineering Core	Dr. Musferah Mehfooz	N/A			FA19	BSEE	A	3	0	3
20	ECE	3	Math	MTH231	Linear Algebra	Non Engineering Core	Mr. Maqsood Ahmad	N/A			FA19	BSEE	A	3	0	3
21	ECE	3	CS	CSC241	Object Oriented Programming	Non Engineering Core	Mr. Tahir Muhammad	Mr. Tahir Muhammad			FA19	BSEE	A	4	1	3
22	ECE	3	ECE	EEE222	Electric Circuits Analysis II	Engineering Core	Dr. Ejaz Ahmad Ansari	Ms. Arfa Tariq			FA19	BSEE	A	4	1	3
23	ECE	3	ECE	EEE231	Electronics I	Engineering Core	Dr. M. Nadeem Rafique	Ms. Ghazala Mushtaq		At Campus	FA19	BSEE	A	4	1	3

24	ECE	3	Hum	HUM111	Islamic Studies	Non Engineering Core	Dr. Musferah Mehfooz	N/A			FA19	BSEE	B	3	0	3
25	ECE	3	Math	MTH231	Linear Algebra	Non Engineering Core	Mr. Maqsood Ahmad	N/A			FA19	BSEE	B	3	0	3
26	ECE	3	CS	CSC241	Object Oriented Programming	Non Engineering Core	Mr. Tahir Muhammad	Mr. Tahir Muhammad			FA19	BSEE	B	4	1	3
27	ECE	3	ECE	EEE222	Electric Circuits Analysis II	Engineering Core	Dr. M. Farooq i Azam	Ms. Arfa Tariq			FA19	BSEE	B	4	1	3
28	ECE	3	ECE	EEE231	Electronics I	Engineering Core	Dr. M. Nadeem Rafique	Ms. Ghazala Mushtaq		At Campus	FA19	BSEE	B	4	1	3

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29	ECE	3	Hum	HUM111	Islamic Studies	Non Engineering Core	Ms. Iffat Khalid	N/A			FA19	BSEE	C	3	0	3
30	ECE	3	Math	MTH231	Linear Algebra	Non Engineering Core	Dr. M.. Zubair	N/A			FA19	BSEE	C	3	0	3
31	ECE	3	CS	CSC241	Object Oriented Programming	Non Engineering Core	Mr. Muhammad Farhan	Mr. Muhammad Farhan			FA19	BSEE	C	4	1	3
32	ECE	3	ECE	EEE222	Electric Circuits Analysis II	Engineering Core	Dr. Aamer Bilal Asghar	Ms. Arfa Tariq			FA19	BSEE	C	4	1	3
33	ECE	3	ECE	EEE231	Electronics I	Engineering Core	Mr. Muhammad Usman Iqbal	Mr. Muhammad Usman Iqbal		At Campus	FA19	BSEE	C	4	1	3

Major Area "Electronics"

34	ECE	5	ECE	EEE281	Introduction to Power Engineering	Engineering Core	Ms. Nisma Saleem				FA18	BSEE	E	3	0	3
35	ECE	5	ECE	EEE325	Control Systems	Engineering Core	Dr. Imran Ghous	Mr. Abu Bakar Talha Jalil		At Campus	FA18	BSEE	E	4	1	3
36	ECE	5	ECE	EEE342	Microprocessor Systems and Interfacing	Engineering Core	Mr. Moazam Ali Sahi	Mr. Faisal Tariq		At Campus	FA18	BSEE	E	4	1	3
37	ECE	5	ECE	EEE351	Principles of Communication Systems	Major/Specialization Core	Dr. Ali Nawaz Khan	Ms. Tabassum Nawaz Bajwa		At Campus	FA18	BSEE	E	4	1	3
38	ECE	5	ECE	EEE338	Power Electronics	Major/Specialization Elective	Ms. Madiha Sultan	Ms. Madiha Sultan		At Campus	FA18	BSEE	E	4	1	3

39	ECE	7	Hum	HUM102	Report Writing Skills	Non-Engineering Core	Hybrid	N/A			FA17	BSEE	E	3	0	3
40	ECE	7	Math	MTH375	Numerical Computations	Non-Engineering Elective	Mr. Muhammad Rafiullah				FA17	BSEE	E	4	1	3
41	ECE	7	ECE	EEE490	Final Year Project (Part I)	Engineering Core	N/A				FA17	BSEE	E	3	0	3
42	ECE	7	ECE		EE Open I	Engineering Elective	See below				FA17	BSEE	E	3	0	3
43	ECE	7	ECE		Major Elective IV		* See Note Below	* See Note Below			FA17	BSEE	E	4	1	3

Major Electives

	ECE	7	ECE	EEE338	Power Electronics	Engineering Elective					FA17	BSEE	E	4	1	3
	ECE	7	ECE	EEE446	Real Time Embedded Systems	Engineering Elective	Dr. Naeem Shehzad	Muhammad Moin		At Campus	FA17	BSEE	E	4	1	3
	ECE	7	ECE	EEE344	Digital System Design	Engineering Core	Mr. Mudassar Ishfaq	Muhammad Moin		At Campus	FA17	BSEE	E	4	1	3

*** Subject to Minimum Class Size of 10 and Maximum Class Size Limit of 40 and Prerequisite(s) conditions as per their respective SoSs.**

Major Area "Power"

44	ECE	5	ECE	EEE281	Introduction to Power Engineering	Engineering Core	Dr. Yaqoob Javed				FA18	BSEE	P	3	0	3
45	ECE	5	ECE	EEE325	Control Systems	Engineering Core	Dr. Mujtaba Hussain Jaffery	Mr. Sarmad Hassan		At Campus	FA18	BSEE	P	4	1	3
46	ECE	5	ECE	EEE342	Microprocessor Systems and Interfacing	Engineering Core	Ms. Mayyda Mukhtar	Ms. Mayyda Mukhtar		At Campus	FA18	BSEE	P	4	1	3
47	ECE	5	ECE	EEE351	Principles of Communication Systems	Major/Specialization Core	Ms. Tabassum Nawaz Bajwa	Ms. Tabassum Nawaz Bajwa		At Campus	FA18	BSEE	P	4	1	3
48	ECE	5	ECE	EEE338	Power Electronics	Major/Specialization Elective	Mr. Ali Mansoor Pasha	Mr. Faisal Tariq		At Campus	FA18	BSEE	P	4	1	3

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49	ECE	7	Hum	HUM102	Report Writing Skills	Non-Engineering Core	Hybrid	N/A			FA17	BSEE	P	3	0	3
50	ECE	7	Math	MTH375	Numerical Computations	Non-Engineering Elective	TBD				FA17	BSEE	P	4	1	3
51	ECE	7	ECE	EEE490	Final Year Project (Part I)	Engineering Core	N/A				FA17	BSEE	P	1	0	1
52	ECE	7	ECE		EE Open I	Engineering Elective					FA17	BSEE	P	3	0	3
53	ECE	7	ECE		Major Elective IV		* See Note Below	* See Note Below			FA17	BSEE	P	4	1	3

Major Electives

	ECE	7	ECE	EEE338	Power Electronics	Engineering Elective					FA17	BSEE	E	4	1	3
	ECE	7	ECE	EEE486	Power System Analysis	Engineering Core	Ms. Nisma Saleem				FA17	BSEE	P	3	0	3
	ECE	7	ECE	EEE375	Power Distribution and Utilization	Engineering Core	Not offered				FA17	BSEE	P	4	1	3
	ECE	7	ECE	EEE382	Power Generation	Engineering Elective	Not offered				FA17	BSEE	P	3	0	3
	ECE	7	ECE	EEE488	Renewable and Alternate Energy System	Engineering Elective	Dr. Muhammad Yaqoob Javed				FA17	BSEE	P	3	0	3

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Major Area "Telecommunications"

54	ECE	5	ECE	EEE281	Introduction to Power Engineering	Engineering Core	Dr. Aamer Bilal Asghar				FA18	BSEE	T	3	0	3
55	ECE	5	ECE	EEE325	Control Systems	Engineering Core	Dr. Jahanzeb Akhtar	Mr. Abu Bakar Talha Jalil		At Campus	FA18	BSEE	T	4	1	3
56	ECE	5	ECE	EEE342	Microprocessor Systems and Interfacing	Engineering Core	Mr. Usman Rafique	Mr. NesruminAllah		At Campus	FA18	BSEE	T	4	1	3
57	ECE	5	ECE	EEE352	Analog Communication Systems	Major/Specialization Core	Dr. Khurram Ali	Syed Ahmad Faran		At Campus	FA18	BSEE	T	4	1	3
58	ECE	5	ECE	EEE463	Antenna and Radio Wave Propagation	Major/Specialization Elective	Dr. Asim Ali Khan	Ms. Mayyda Mukhtar		At Campus	FA18	BSEE	T	4	1	3

59	ECE	7	HUM	HUM102	Report Writing Skills	Non Engineering Course	Hybrid	N/A			FA17	BSEE	T	3	0	3
60	ECE	7	MTH	MTH375	Numerical Computation	Non Engineering Course	Dr. Ayesha Sohail				FA17	BSEE	T	3	1	2
61	ECE	7	ECE	EEE490	Final Year Project (Part I)	Engineering Core	N/A				FA17	BSEE	T	1	1	0
62	ECE	7	ECE		EE Open I						FA17	BSEE	T	3	0	3
63	ECE	7	ECE		Major Elective IV	Major/Specialization Elective	* See Note Below	* See Note Below			FA17	BSEE	T	4	1	3

Major Electives

	ECE	7	ECE	EEE464	Wireless Communication Systems	Engineering Elective	Dr. Saleem Akhtar				FA17	BSEE	T	3	0	3
	ECE	7	ECE	EEE456	Broadband Technologies	Engineering Elective	Mian Ahmed Yaser				FA17	BSEE	T	3	0	3
	ECE	7	ECE	EEE455	Optical Fiber Communications	Engineering Elective	Syed Ahmed Faran				FA17	BSEE	T	3	0	3

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