

S.NO.	Deptt.	Semester	Offering Dept	Course Code	Title	Category of Course	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	
1	ECE	1	Hum	HUM100	English Comprehension and Composition	Non-Engineering Core	Ms. Ayesha Aziz	N/A			FA20	BCE	A	3	0	3	
2	ECE	1	Hum	HUM111	Pakistan Studies	Non-Engineering Core	Ms. Kaneez Fatima	N/A			FA20	BCE	A	3	0	3	
3	ECE	1	Math	MTH104	Calculus and Analytical Geometry	Non-Engineering Core	Dr. Madiha Qayyum	N/A			FA20	BCE	A	3	0	3	
4	ECE	1	Physics	PHY121	Applied Physics for Engineers	Non-Engineering Core	Ms. Samra Syed	Ms. Samra Syed		At Campus	FA20	BCE	A	4	1	3	
5	ECE	1	ECE	CPE121	Electric Circuits Analysis I	Engineering Core	Dr. Khurram Zaidi	Mr. Muzammil A. Zain	At Campus	At Campus	FA20	BCE	A	4	1	3	
6	ECE	1	Hum	HUM100	English Comprehension and Composition	Non-Engineering Core	Ms. Memoona Idris	N/A			FA20	BCE	B	3	0	3	
7	ECE	1	Hum	HUM111	Pakistan Studies	Non-Engineering Core	Ms. Sehrish	N/A			FA20	BCE	B	3	0	3	
8	ECE	1	Math	MTH104	Calculus and Analytical Geometry	Non-Engineering Core	Dr. Madiha Qayyum	N/A			FA20	BCE	B	3	0	3	
9	ECE	1	Physics	PHY121	Applied Physics for Engineers	Non-Engineering Core	Ms. Samra Syed	Ms. Samra Syed		At Campus	FA20	BCE	B	4	1	3	
10	ECE	1	ECE	CPE121	Electric Circuits Analysis I	Engineering Core	Dr. Jehangir Arshad	Mr. Muzammil A. Zain	At Campus	At Campus	FA20	BCE	B	4	1	3	
11	ECE	3	Math	MTH242	Differential Equations	Non-Engineering Core	Dr. Sadia Arshad	N/A			FA19	BCE	A	3	0	3	
12	ECE	3			Natural Sciences Elective	Non-Engineering Elective					FA19	BCE	A	3	3/2	2/1	
13	ECE	3	Hum	HUM102	Report Writing Skills	Non-Engineering Core	Hybrid	N/A			FA19	BCE	A	3	0	3	
14	ECE	3	CS	CSC241	Object Oriented Programming	Engineering Core	Ms. Muntaha Iqbal	Ms. Muntaha Iqbal			FA19	BCE	A	4	1	3	
15	ECE	3	ECE	CPE222	Electric Circuits Analysis II	Engineering Core	Dr. Mirza Tariq Hamayun	Mr. M. Sarmad Hassan			FA19	BCE	A	4	1	3	
16	ECE	3	Math	MTH242	Differential Equations	Non-Engineering Core	Dr. Sadia Arshad	N/A			FA19	BCE	B	3	0	3	
17	ECE	3			Natural Sciences Elective	Non-Engineering Elective					FA19	BCE	B	3	3/2	2/1	
18	ECE	3	Hum	HUM102	Report Writing Skills	Non-Engineering Core	Hybrid	N/A			FA19	BCE	B	3	0	3	
19	ECE	3	CS	CSC241	Object Oriented Programming	Engineering Core	Ms. Muntaha Iqbal	Ms. Muntaha Iqbal			FA19	BCE	B	4	1	3	
20	ECE	3	ECE	CPE222	Electric Circuits Analysis II	Engineering Core	Dr. Muhammad Jawad	Mr. M. Sarmad Hassan			FA19	BCE	B	4	1	3	
BCE Natural Sciences Electives						* See Note Below											
	ECE	3	Math	MTH375	Numerical Computations	Non-Engineering Elective	TBD				FA19	BCE		3	1	2	
	ECE	3	Math	MTH105	Multivariable Calculus	Non-Engineering Elective	Dr. Madiha Qayyum	N/A			FA19	BCE		3	0	3	
	ECE	3	Math	MTH374	Optimization	Non-Engineering Elective	Mr. Maqsood Ahmad	N/A			FA19	BCE		3	0	3	
	ECE	3	Chemistry	ENV101	Fundamentals of Environmental Sciences	Non-Engineering Elective	Dr. Muhammad Javid Iqbal	N/A			FA19	BCE		3	0	3	
These electives will be offered subject to Minimum Class Size of 10 and Maximum Class Size Limit of 40.																	
21	ECE	5	CS	CSC371	Database Systems I	Engineering Core	Ms. Mahrukh Saleem	Ms. Mahrukh Saleem			FA18	BCE	A	4	1	3	
22	ECE	5	CS	CSC322	Operating Systems	Engineering Core	Mr. Tayyab Wahab Awan	Mr. Tayyab Wahab Awan			FA18	BCE	A	3	1	2	
23	ECE	5	Economics	ECO300	Engineering Economics	Engineering Core	Dr. Fareeha Rehman	N/A			FA18	BCE	A	3	0	3	
24	ECE	5	ECE	CPE343	Computer Organization and Architecture	Engineering Core	Dr. Naeem Shehzad	Mr. Muhammad Usman		At Campus	FA18	BCE	A	4	1	3	
25	ECE	5	ECE		Inter-Disciplinary Engineering Elective I	Engineering Elective					FA18	BCE	A	3/4	0/1	3	
26	ECE	5	CS	CSC371	Database Systems I	Engineering Core	Ms. Mahrukh Saleem	Ms. Mahrukh Saleem			FA18	BCE	B	4	1	3	
27	ECE	5	CS	CSC322	Operating Systems	Engineering Core	Mr. Tayyab Wahab Awan	Mr. Tayyab Wahab Awan			FA18	BCE	B	3	1	2	
28	ECE	5	Economics	ECO300	Engineering Economics	Engineering Core	Dr. Fareeha Rehman	N/A			FA18	BCE	B	3	0	3	
29	ECE	5	ECE	CPE343	Computer Organization and Architecture	Engineering Core	Mr. Moazzam Ali Sahi	Mr. Muhammad Usman		At Campus	FA18	BCE	B	4	1	3	
30	ECE	5	ECE		Inter-Disciplinary Engineering Elective I	Engineering Elective					FA18	BCE	B	3/4	0/1	3	
BCE Inter-Disciplinary Engineering Electives						* See Note Below											
	ECE	5	ECE	EEE351	Principles of Communication Systems	Engineering Elective	Dr. Arsla Khan	Dr. Arsla Khan		At Campus	FA18	BCE		4	1	3	
	ECE	5	ECE	EEE232	Electronics II	Engineering Elective	Ms. Amna Arif	Mr. Muzammil A. Zain		At Campus	FA18	BCE		4	1	3	

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31	ECE	7	MS	MGT462	Project Planning and Management	Engineering Core	Ms. Namrah Ashraf	N/A			FA17	BCE	A	3	0	3
32	ECE	7	ECE	CPE345	Embedded Systems Workshop	Engineering Core	N/A	Mr. Hassan Aslam		At Campus	FA17	BCE	A	1	1	0
33	ECE	7	ECE		Major Elective I	Engineering Elective					FA17	BCE	A	3/4	0/1	3
34	ECE	7			Inter-Disciplinary Engineering Elective II						FA17	BCE	A	3/4	0/1	3
35	ECE	7	ECE	EEE490	Final Year Project (Part I)	Engineering Core	N/A				FA17	BCE	A	1	1	0
36	ECE	7	ECE	EEE344	Digital System Design	Engineering Core	Dr. Abbas Javed	Ms. Wajeeha Khan			FA17	BCE	A	4	1	3

37	ECE	7	MS	MGT462	Project Planning and Management	Engineering Core	Ms. Nayla Yousaf	N/A			FA17	BCE	B	3	0	3
38	ECE	7	ECE	CPE345	Embedded Systems Workshop	Engineering Core	N/A	Mr. Hassan Aslam		At Campus	FA17	BCE	B	1	1	0
39	ECE	7	ECE		Major Elective I	Engineering Elective					FA17	BCE	B	3/4	0/1	3
40	ECE	7			Inter-Disciplinary Engineering Elective II						FA17	BCE	B	3/4	0/1	3
41	ECE	7	ECE	EEE490	Final Year Project (Part I)	Engineering Core	N/A				FA17	BCE	B	1	1	0
42	ECE	7	ECE	EEE344	Digital System Design	Engineering Core	Mr. Usman Rafique	Ms. Wajeeha Khan		At Campus	FA17	BCE	B	4	1	3

BCE Major Electives * See Note Below

	ECE	7	ECE	CPE446	Real Time Embedded Systems	Engineering Elective	Ms. Wajeeha Khan	Mr. Muhammad Moin		At Campus	FA17	BCE		4	1	3
	ECE	7	ECE	CPE324	Digital Image Processing	Engineering Elective	Dr. Ikram Ullah Khosa	Mr. Moazzam Ali Sahi			FA17	BCE		4	1	3
	ECE	7	ECE	CPE440	Computer Architecture	Engineering Elective	Dr. M. Naeem Awais	N/A			FA17	BCE		3	0	3

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BCE Inter-Disciplinary Engineering Electives * See Note Below

	ECE	7	ECE	EEE464	Wireless Communication Systems	Engineering Elective	Dr. Saleem Akhtar	N/A			FA17	BCE		3	0	3
	ECE	7	ECE	EEE353	Digital Communication Systems	Engineering Elective	Dr. Jehangir Arshad	Mr. Assad Ali		At Campus	FA17	BCE		3	0	3

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* Students can choose from these electives subject to Minimum Class Size of 10 and Maximum Class Size Limit of 40 and Prerequisite(s) conditions as per their respective SoSs.