

Course Offering  
Semester: Spring 2024  
**BS Computer Engineering**

S.#	Code	Course Title	Status	Section	Hidden Sec.	Pre-Req.	Co-Req.	Semester	Remarks
1.	CPEG1412	Sociology	Humanities	1	0	Nil	Nil	2	
2.	MCPE1033	Linear Algebra	Natural Sciences	1	0	CPEG1513	Nil	2	
3.	CPE1213	Circuit Analysis	Eng. Foundation	1	0	CPEG1312	CPE1211	2	
4.	CPE1211	Circuit Analysis Lab	Eng. Foundation	2	0	CPEG1311	CPE1213	2	
5.	CCPE1122	Computer Programming	Comp. & Info. Science	1	0	CPEG1612	CCPE1121	2	
6.	CCPE1121	Computer Programming Lab	Comp. & Info. Science	2	0	CPEG1611	CCPE1122	2	
7.	CPEG1022	Ideology and Constitution of Pakistan	Humanities	1	0	Nil	Nil	2	
8.	MCPE1043	Applied Differential Equations	Natural Sciences	1	0	CPEG1513	Nil	2	
9.	CPE2133	Data Structures and Algorithms	Eng. Foundation	1	0	CPE2123/CPE2052	CPE2131	4	
10.	CPE2131	Data Structures and Algorithms Lab	Eng. Foundation	1	0	CPE2121/CPE2052	CPE2133	4	
11.	CPE2613	Signals & Systems	Eng. Foundation	1	0	MCPE2053	CPE2611	4	
12.	CPE2611	Signals & Systems Lab	Eng. Foundation	2	0	MCPE2053	CPE2613	4	

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13.	CPE2323	Computer Arch. And Organization	Eng. Foundation	1	0	CPE2313	CPE2321	4	
14.	CPE2321	Computer Arch. And Organization Lab	Eng. Foundation	2	0	CPE2311	CPE2323	4	
15.	CPE2063	Probability and Statistics	Engineering foundation	1	0	CPEG1513	Nil	4	
16.	HCPE2043	Technical Report Writing	Humanities	1	0	Nil	Nil	4	