

Course Offering
Semester: Fall 2026
Program: BS Computer Engineering

Sr.	Code	Course Title	Status	Section	Pre-Req.	Co-Req.	Semester
1.	CPEG1113	Functional English	Humanities	1	Nil	Nil	1
2.	CPEG1513	Calculus and Analytical Geometry	Natural Sciences	1	Nil	Nil	1
3.	CPEG1312	Applied Physics	Natural Sciences	1	Nil	CPEG1311	1
4.	CPEG1311	Applied Physics Lab	Natural Sciences	1	Nil	CPEG1312	1
5.	CPEG1612	Applications of Information and Communication Technologies	Humanities	1	Nil	CPEG1611	1
6.	CPEG1611	Applications of Information and Communication Technologies Lab	Humanities	1	Nil	CPEG1612	1
7.	CPE1011	Engineering Drawing	Eng. Foundation	2	Nil	Nil	1
8.	CPEG1012	Islamic Studies	Humanities	1	Nil	Nil	1
9.	EG1500	Mathematics	Deficiency	1	Nil	Nil	1
10.	CPEG1021	Fehm-ul-Quran I	Humanities	1	Nil	Nil	3

Sr.	Code	Course Title	Status	Section	Pre-Req.	Co-Req.	Semester
11.	CPEG1212	Personal Grooming	Humanities	1	Nil	Nil	3
12.	CPEG2812	Civics and Professional Ethics	Humanities	1	Nil	Nil	3
13.	CPE2123	Object Oriented Programming	Eng. Foundation	1	CCPE1123	CPE2121	3
14.	CPE2121	Object-Oriented Programming Lab	Eng. Foundation	1	CCPE1121	CPE2123	3
15.	EE2223	Basic Electronics	Eng. Foundation	1	CPE1213	CPE2211	3
16.	EE2221	Basic Electronics Lab	Eng. Foundation	1	CPE1211	CPE2213	3
17.	MCPE2053	Complex Variables and Transforms	Natural Sciences	1	CPEG1513	Nil	3
18.	CPE2053	Discrete Structures	Comp. & Info. Science	1	Nil	Nil	3
19.	CPEG1123	Expository Writing	Humanities	1	Nil	Nil	5
20.	CPE2613	Signals and Systems	Eng. Foundation	1	MCPE2053	CPE2611	5
21.	CPE2611	Signals and Systems Lab	Eng. Foundation	2	MCPE2053	CPE2613	5
22.	CPE2323	Computer Architecture and Organization	Eng. Foundation	1	CPE2313	CPE2321	5

Sr.	Code	Course Title	Status	Section	Pre-Req.	Co-Req.	Semester
23.	CPE2321	Computer Architecture and Organization Lab	Eng. Foundation	1	CPE2311	CPE2323	5
24.	CPE3333	Microprocessors and Interfacing	CPE Core	1	CPE2313	CPE3331	5
25.	CPE3331	Microprocessors and Interfacing Lab	CPE Core	2	CPE2311	CPE3333	5
26.	CPE4523	Software Engineering	CPE Core	1	Nil	Nil	5
27.	CPE3343	Digital System Design	CPE Core	1	CPE3333	CPE3341	7
28.	CPE3341	Digital System Design Lab	CPE Core	2	CPE3331	CPE3343	7
29.	CPE3643	Digital Image Processing	CPE Depth Elective - I	1	Nil	CPE3641	7
30.	CPE3641	Digital Image Processing Lab	CPE Depth Elective – I Lab	1	Nil	CPE3643	7
31.	CPEG2712	Entrepreneurship	Management Sciences	1	Nil	Nil	7
32.	CCPE4193	Mobile Application Development	MDEE-III	1	Nil	Nil	7
33.	HCPE4062	Project Management	Management Sciences	1	Nil	Nil	7
34.	CPE4912	Design Project - I	CPE Core	1	90 Cr. Hrs	Nil	7
35.	CPE4924	Design Project - II	CPE Core	1	CPE4912	Nil	-