

Pokhara University
Bachelor of Information and Communication Engineering, 2025

S.N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical
Year I, Sem I						
1	PHY 110	Applied Physics	3	3	1	2
2	ELE 130	Basic Electrical Circuits	3	3	1	2
3	MTH 115	Engineering Mathematics I	3	3	2	0
4	CMP 112	Computer Programming	3	3	1	2
5	ELX 110	Digital Logic	3	3	1	2
6	ELX 111	Electronics Engineering Workshop	1	0	0	3
		Sub-total	16			
Year I, Sem II						
1	MTH 151	Engineering Mathematics II	3	3	2	0
2	ELX 152	Electromagnetic Waves and Propagation	3	3	2	2
3	ELX 120	Electronic Devices and Circuits	3	3	2	2
4	ENG 110	Communication Techniques	2	2	2	0
5	CMP 164	Object Oriented Programming with Java	3	3	1	2
6	MEC 116	Engineering Drawing	1	0	0	3
		Sub-total	15			
Year II, Sem III						
1	MTH 211	Engineering Mathematics III	3	3	2	0
2	CMP 160	Data Structure and Algorithms	3	3	1	2
3	CMP 222	Database Management System	3	3	1	2
4	ELX 176	Microprocessors and Computer Architecture	3	3	1	2
5	ELX 211	Instrumentation & Sensor Technology	3	3	1	2
		Sub-total	15			
Year II, Sem IV						
1	ELX 330	Signals and Systems	3	3	1	2
2	MTH 216	Probability and Statistics	3	3	1	0
3	CMP 168	Web Technology	3	3	1	2
4	MTH 252	Numerical Methods	3	3	1	2
5	CMP 348	Software Engineering	3	3	1	2
6	MGT 250	Engineering Economics	2	2	1	0
		Sub-total	17			
Year III, Sem V						
1	CMP 346	Artificial Intelligence	3	3	1	3
2	CMM 311	Communication System Engineering	3	3	2	2
3	CMM 422	Digital Signal Processing	3	3	1	2
4	ELX 320	Embedded System	3	3	1	2
5	CMP 331	Mobile Application Development	3	3	1	2
6	PRJ 341	Mini Project	1	0	0	2
		Sub-total	16			
Year III, Sem VI						
1	CMM 220	Data Communication	3	3	1	2
2	CMM 351	Antenna Systems	3	3	1	2
3	CMP 424	Cloud Computing and Virtualization	2	2	2	2
4	CMP 370	Internet of Things	3	3	1	2
5		Elective I	3	3	1	0
6	PRJ 351	Minor Project	2	0	0	4
		Sub-total	16			
Year IV, Sem VII						
1	CMP 336	Data Science and Machine Learning	3	3	1	2
2	CMM 426	Wireless Communication Technology	3	3	1	0
3	MGT 332	Entrepreneurship and Professional Practice	2	2	1	0
4	MGT 320	Engineering Management	2	2	1	0
5	CMM 424	Telecommunication and Network Security	3	3	1	0
6		Elective II	3	3	1	0
		Sub-total	16			
Year IV, Sem VIII						
1		Elective III	3	3	1	0
2	INT 490	Internship	3	0	0	6
3	PRJ 452	Major Project	3	0	0	6
		Sub-total	9			
		Total	120			



[Signature]
May 14, 2025