

Pokhara University
Bachelor of Civil and Rural Engineering

Curriculum Structure- 2022

Year	: I	Semester I					
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical	Remarks
1	ELE 112	Basic Electrical and Electronics Engineering	3	3	2	2	
2	MTH 110	Calculus - I	3	3	2	0	
3	CVL 110	Civil Engineering Materials	2	2	0	2	
4	CVL 112	Civil Engineering Workshop	1	0	0	3	
5	ENG 110	Communication Techniques	2	2	2	0	
7	CMP 112	Computer Programming	3	3	1	2	
6	MEC 114	Introduction to Energy Engineering	2	2	1	1	
		Sub-total	16	15	8	10	
Year	: I	Semester II					
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical	Remarks
1	MTH 150	Algebra and Geometry	3	3	2	0	
2	CHM 110	Applied Chemistry	2	2	1	2	
3	MEC 150	Applied Mechanics	4	4	2	0	
4	PHY 110	Applied Physics	3	3	1	2	
5	ARC 150	Building Technology	2	2	0	2	
4	MEC 112	Engineering Drawing	3	0	0	6	
		Sub-total	17	14	6	12	
Year	: II	Semester III					
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical	Remarks
1	MTH 210	Calculus - II	3	3	2	0	
2	GTE 150	Engineering Geology	3	3	0	2	
3	WRE 212	Fluid Mechanics	3	3	2	2	
4	MTH 214	Statistics and Numerical Method	3	3	2	2	
5	STR 216	Strength of Materials	3	3	2	1	
6	CVL 216	Surveying I	3	3	1	3	
		Sub-total	18	18	9	10	
Year	: II	Semester IV					
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical	Remarks
1	MGT 250	Engineering Economics	3	3	1	0	
2	WRE 250	Hydraulics	3	3	2	2	
3	CVR 250	Rural Infrastructure Engineering	3	3	1	0	
4	GTE 252	Soil Mechanics	3	3	2	2	
5	STR 252	Structural Analysis I	3	3	2	1	
6	CVL 252	Surveying II	3	3	1	3	
		Sub-total	18	18	9	8	
Year	: III	Semester V					
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical	Remarks
1	STR 214	Concrete Technology and Masonry Structure	3	3	2	2	
2	WRE 310	Engineering Hydrology	2	2	2	1	
3	GTE 310	Foundation Engineering	3	3	2	1	
4	STR 314	Structural Analysis II	3	3	2	1	
5	CVL 316	Survey Field Project	1	0	0	2	
6	TRP 310	Transportation Engineering I	3	3	1	1	
7	ENV 310	Water Supply Engineering	3	3	2	1	
		Sub-total	18	17	11	9	
Year	: III	Semester VI					
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical	Remarks
1	STR 352	Design of R.C.C. Structures	3	3	2	1	
2		Elective I	3	3	0	0	
3	CVL 318	Estimating and Valuation	3	3	2	0	
4	WRE 352	Irrigation and Drainage Engineering	3	3	2	0	
5	CVR 350	Rural Engineering Project I	1	0	0	2	
6	ENV 352	Sanitary Engineering	3	3	2	1	
7	TRP 352	Transportation Engineering II	3	3	1	1	
		Sub-total	19	18	9	5	
Year	: IV	Semester VII					
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical	Remarks
1	CVL 412	Construction Project Management	3	3	2	0	
2	STR 354	Design of Steel and Timber Structure	3	3	2	0	
3		Elective II	3	3	0	0	
4	CVL 416	Engineering Professional Practice	2	2	0	0	
5	WRE 410	Hydropower Engineering	3	3	2	1	
6	CVR 450	Rural Engineering Project II	3	0	0	6	
		Sub-total	17	14	6	7	
Year	: IV	Semester VIII					
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical	Remarks
1		Elective - III	3	3	0	0	
2	INT 486	Internship	6	0	0	12	
		Sub-total	9	3	0	12	
		Total	132				