

Pokhara University
Bachelor of Civil Engineering
Curriculum Structure- 2022

Year : I		Semester I						
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical	Remarks	
1	CHM 110	Applied Chemistry	2	2	1	2		
2	PHY 110	Applied Physics	3	3	1	2		
3	MTH 110	Calculus - I	3	3	2	0		
4	ENG 110	Communication Techniques	2	2	2	0		
5	CMP 112	Computer Programming	3	3	1	2		
6	MEC 112	Engineering Drawing	2	0	0	6		
Sub-total			15	13	7	12		
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	MEC 150	Applied Mechanics	4	4	2	0		
3	ELE 112	Basic Electrical and Electronics Engineering	3	3	2	2		
4	CVL 110	Civil Engineering Materials	2	2	0	2		
5	CVL 112	Civil Engineering Workshop	1	0	0	3		
6	GTE 150	Engineering Geology	3	3	0	2		
7	MEC 114	Introduction to Energy Engineering	2	2	1	1		
Sub-total			18	17	7	10		
Year : II		Semester III						
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical	Remarks	
1	ARC 150	Building Technology	2	2	0	2		
2	MTH 210	Calculus - II	3	3	2	0		
3	WRE 212	Fluid Mechanics	3	3	2	2		
4	MTH 216	Probability and Statistics	2	2	2	0		
5	STR 216	Strength of Materials	3	3	2	1		
6	CVL 216	Surveying I	3	3	1	3		
Sub-total			16	16	9	8		
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	MTH 252	Numerical Methods	2	2	1	2		
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			17	17	9	10		
Year : III		Semester V						
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical	Remarks	
1	WRE 310	Engineering Hydrology	2	2	2	1		
2	CVL 318	Estimating and Valuation	3	3	2	0		
3	GTE 310	Foundation Engineering	3	3	2	1		
4	STR 314	Structural Analysis II	3	3	2	1		
5	TRP 310	Transportation Engineering I	3	3	1	1		
6	ENV 310	Water Supply Engineering	3	3	2	1		
Sub-total			17	17	11	5		
Year : III		Semester VI						
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical	Remarks	
1	CVL 350	Civil Engineering Project I	1	0	0	2		
2	STR 214	Concrete Technology and Masonry Structure	3	3	2	2		
3	STR 354	Design of Steel and Timber Structure	3	3	2	0		
4		Elective I	3	3	0	0		
5	WRE 352	Irrigation and Drainage Engineering	3	3	2	0		
6	ENV 352	Sanitary Engineering	3	3	2	1		
7	CVL 316	Survey Field Project	1	0	0	2		
8	TRP 352	Transportation Engineering II	3	3	1	1		
Sub-total			20	18	9	8		
Year : IV		Semester VII						
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical	Remarks	
1	CVL 450	Civil Engineering Project II	3	0	0	6		
2	CVL 412	Construction Project Management	3	3	2	0		
3	STR 352	Design of R.C.C. Structures	3	3	2	1		
4		Elective II	3	3	0	0		
5	CVL 416	Engineering Professional Practice	2	2	0	0		
6	WRE 410	Hydropower Engineering	3	3	2	1		
Sub-total			17	14	6	8		
Year : IV		Semester VIII						
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical	Remarks	
1		Elective - III	3	3	0	0		
2	INT 484	Internship	6	0	0	12		
Sub-total			9	3	0	12		
Total			129					