POKHARA UNIVERSITY
ACADEMIC COUNCIL, 119TH MEETING
APPROVED ON MAY 14, 2025

Pokhara University
Bachelor of Civil Engineering, 2025

Structure

Year	**: I**	**Semester I**				
S. N.	**Course Code**	**Subject**	**Credit**	**Lecture**	**Tutorial**	**Practical**
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	CMP 112	Computer Programming	3	3	1	2
5	MEC 112	Engineering Drawing	2	0	0	6
6	MEC 113	Applied Mechanics (Statics)	2	2	2	0
		Sub-total	**15**	**13**	**7**	**12**
Year	**: I**	**Semester II**				
S. N.	**Course Code**	**Subject**	**Credit**	**Lecture**	**Tutorial**	**Practical**
1	MTH 150	Algebra and Geometry	3	3	2	0
2	MEC 151	Applied Mechanics (Dynamics)	2	2	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	**16**	**15**	**7**	**10**
Year	**: II**	**Semester III**				
S. N.	**Course Code**	**Subject**	**Credit**	**Lecture**	**Tutorial**	**Practical**
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 252	Numerical Methods	2	2	1	2
5	STR 216	Strength of Materials	3	3	2	1
6	CVL 216	Surveying I	3	3	1	3
		Sub-total	**16**	**16**	**8**	**10**
Year	**: II**	**Semester IV**				
S. N.	**Course Code**	**Subject**	**Credit**	**Lecture**	**Tutorial**	**Practical**
1	CVL 350	Project I	1	0	1	2
2	WRE 250	Hydraulics	3	3	2	2
3	MTH 216	Probability and Statistics	2	2	2	0
4	ENG 110	Communication Techniques	2	2	2	0
5	GTE 252	Soil Mechanics	3	3	2	2
6	STR 252	Structural Analysis I	3	3	2	1

7	CVL 252	Surveying II	3	3	1	3
		Sub-total	**17**	**16**	**12**	**10**
Year	**: III**	**Semester V**				
S. N.	**Course Code**	**Subject**	**Credit**	**Lecture**	**Tutorial**	**Practical**
1	WRE 310	Engineering Hydrology	2	2	2	1
2	CVL 316	Survey Field Project	1	0	0	2
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
7	STR 312	Concrete Technology and Masonry Structure	3	3	2	2
		Sub-total	**18**	**14**	**9**	**7**
Year	**: III**	**Semester VI**				
S. N.	**Course Code**	**Subject**	**Credit**	**Lecture**	**Tutorial**	**Practical**
1	MGT 250	Engineering Economics	3	3	2	0
2	STR 354	Design of Steel and Timber Structure	3	3	2	0
3		Elective I	3	3	0	0
4	WRE 352	Irrigation and Drainage Engineering	3	3	2	0
5	ENV 352	Sanitary Engineering	3	3	2	1
6	TRP 352	Transportation Engineering II	3	3	1	1
		Sub-total	**18**	**18**	**9**	**2**
Year	**: IV**	**Semester VII**				
S. N.	**Course Code**	**Subject**	**Credit**	**Lecture**	**Tutorial**	**Practical**
1	CVL 441	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	CVL 318	Estimating and Valuation	3	3	2	0
5		Elective II	3	3	0	0
6	WRE 410	Hydropower Engineering	3	3	2	1
		Sub-total	**18**	**15**	**8**	**8**
Year	**: IV**	**Semester VIII**				
S. N.	**Course Code**	**Subject**	**Credit**	**Lecture**	**Tutorial**	**Practical**
1		Elective III	3	3	0	0
2	CVL 416	Engineering Professional Practice	2	2	0	0
3	INT 484	Internship	6	0	0	12
		Sub-total	**11**	**5**	**0**	**12**
		Total	**129**	**112**	**60**	**71**

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