

Pokhara University
Bachelor of Civil Engineering, 2022

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	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
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
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	MGT 250	Engineering Economics	3	3	1	0
2	WRE 250	Hydraulics	3	3	2	2
3	MTH 216	Probability and Statistics	2	2	2	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	17	17	10	8
Year : III		Semester V				
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical
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
1	CVL 350	Project I	1	0	0	2
2	STR 312	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
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		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
1		Elective III	3	3	0	0
2	INT 484	Internship	6	0	0	12
		Sub-total	9	3	0	12
		Total	129	115	58	73


 Faculty of Science and Technology
 March 27, 2022
 of the Date

Pokhara University
Bachelor of Civil and Rural Engineering, 2022

Year : I	Semester I					
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical
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
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	2	0	0	6
		Sub-total	16	14	6	12
Year : II	Semester III					
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical
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
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
1	STR 312	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
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	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
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 441	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
1		Elective III	3	3	0	0
2	INT 486	Internship	6	0	0	12
		Sub-total	9	3	0	12
		Total	131			



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Pokhara University
BE Civil for Diploma Holder 2022
Curriculum Structure

Year	I	Semester I				
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical
1	MTH 109	Basic Engineering Mathematics	3	3	2	0
2	PHY 109	Basic Engineering Physics	1	1	2	2
3	CHM 109	Basic Engineering Chemistry	1	1	2	2
4	CMP 109	Basic of Computer and Programming	1	1	2	2
5	ENG 110	Communication Technique	2	2	2	0
6	CVL 109	Engineering Survey and Quantitative Technique	1	1	2	2
			9	9	12	8
Year	I	Semester II				
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical
1	MTH 110	Calculus I	3	3	2	0
2	CHM 110	Applied Chemistry	2	2	1	2
3	PHY 110	Applied Physics	3	3	1	2
4	CMP 112	Computer Programming	3	3	1	2
5	MEC 150	Applied Mechanics	4	4	2	0
6	CVL 112	Civil Engineering Workshop	1	1	0	3
			16	16	7	9
Year	II	Semester III				
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical
1	MTH 150	Algebra and Geometry	3	3	2	0
2	CVL 110	Civil Engineering Materials	2	2	0	2
3	GTE 150	Engineering Geology	3	3	0	2
4	CVL 217	Advanced Surveying	3	3	1	3
5	ARC 150	Building Technology	2	2	0	2
6	WRE 212	Fluid Mechanics	3	3	2	2
			16	16	5	11
Year	II	Semester IV				
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical
1	MTH 210	Calculus II	3	3	2	0
2	STR 216	Strength of Materials	3	3	2	1
3	WRE 250	Hydraulics	3	3	2	2
4	MTH 216	Probability and Statistics	2	2	2	0
5	ELE 112	Basic Electrical and Electronics Engineering	3	3	2	2
6	CVL 217	Survey Project work	2	0	0	4
			16	14	10	9
Year	III	Semester V				
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical
1	MTH 252	Numerical Methods	2	2	1	2
2	ENV 310	Water Supply Engineering	3	3	2	1
3	WRE 310	Engineering Hydrology	2	2	2	1
4	GTE 252	Soil Mechanics	3	3	2	2
5	STR 252	Structural Analysis I	3	3	2	1
			13	13	9	7
Year	III	Semester VI				
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical
1	STR 314	Structural Analysis II	3	3	2	1
2	ENV 352	Sanitary Engineering	3	3	2	1
3	STR 312	Concrete Technology and Masonry structure	3	3	2	2
4	CVL	Elective I	3	3	0	0
5	GTE 310	Foundation Engineering	3	3	2	1
			15	15	8	5
Year	IV	Semester VII				
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical
1	WRE 352	Irrigation and Drainage Engineering	3	3	2	0
2	STR 354	Design of Steel and Timber Structures	3	3	2	0
3	TRP 310	Transportation Engineering I	3	3	1	1
4	CVL 318	Estimating and Valuation	3	3	2	0
5	CVL	Elective II	3	3	0	0
			15	15	7	1
Year	IV	Semester VIII				
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical
1	TRP 352	Transportation Engineering II	3	3	1	1
2	WRE 410	Hydropower Engineering	3	3	2	1
3	MGT 250	Engineering Economics	3	3	1	0
4	CVL	Elective III	3	3	0	0
5	STR 352	Design of RCC Structures	3	3	2	1
			15	15	6	3
Year	V	Semester IX				
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical
1	CVL 416	Engineering Professional Practice	2	2	0	0
2	CVL 412	Construction Project Management	3	3	2	0
3	CVL 491	Final Project and Internship	5	0	0	10
			10	5	2	10
Total			125			



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Pokhara University
Bachelor of Computer Engineering, 2022

Year I		Semester I				
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical
1	ELE 120	Basic Electrical Engineering	3	3	1	2
2	MTH 110	Calculus I	3	3	2	0
3	ENG 110	Communication Techniques	2	2	2	0
4	CMP 122	Computer Workshop	1	0	0	3
5	ELX 110	Digital Logic	3	3	1	2
6	ELX 120	Electronics Devices and Circuits	3	3	1	2
7	CMP 124	Programming in C	3	3	1	3
		Sub Total	18	17	8	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	CHM 110	Applied Chemistry	2	2	1	2
3	PHY 110	Applied Physics	3	3	1	2
4	MEC 116	Basic Engineering Drawing	1	0	0	3
5	CMP 160	Data Structure and Algorithms	3	3	1	3
6	ELE 172	Instrumentation	3	3	1	2
7	CMP 162	Object Oriented Programming in C++	3	3	1	3
		Sub Total	18	17	7	15
Year II		Semester III				
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical
1	MTH 210	Calculus II	3	3	2	0
2	CMP 234	Computer Graphics	3	3	1	2
3	CMM 220	Data Communication	3	3	1	2
4	CMP 222	Database Management System	3	3	1	3
5	CMP 224	Microprocessor and ALP	3	3	1	2
6	CMP 232	Operating Systems	3	3	1	2
		Sub Total	18	18	7	11
Year II		Semester IV				
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical
1	CMP 228	Advanced Programming with Java	3	3	1	3
2	MTH 250	Applied Mathematics	3	3	2	0
3	CMP 262	Computer Architecture	3	3	1	1
4	MTH 252	Numerical Methods	2	2	1	2
5	CMP 270	Research Fundamentals	2	2	0	2
6	CMP 264	Theory of Computation	3	3	1	0
		Sub Total	16	16	6	8
Year III		Semester V				
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical
1	CMP 346	Artificial Intelligence	3	3	1	3
2	CMM 344	Digital Signal Analysis and Processing	3	3	1	2
3	ELX 320	Embedded System	2	2	1	2
4	MGT 320	Engineering Management	2	2	1	0
5	MTH 216	Probability and Statistics	2	2	2	0
6	CMP 348	Software Engineering	3	3	1	2
		Sub Total	15	15	7	9
Year III		Semester VI				
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical
1	CMP 344	Computer Networks	3	3	1	2
2	CMP 360	Compiler Design	2	2	2	2
3	CMP 362	Image Processing and Pattern Recognition	3	3	1	2
4	CMP 364	Machine Learning	3	3	1	2
5	PRJ 360	Project I	1	0	0	2
6	CMP 338	Simulation and Modeling	3	3	1	2
7		Elective I	3	3	1	2
		Sub Total	18	17	7	14
Year IV		Semester VII				
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical
1	CMP 424	Cloud Computing and Virtualization	3	3	1	2
2	CMP 422	Data Science and Analytics	2	2	1	2
3	MGT 250	Engineering Economics	3	3	1	0
4	MGT 332	Entrepreneurship and Professional Practice	2	2	1	0
5	CMP 426	Network and Cyber Security	3	3	1	2
6		Elective II	3	3	1	2
		Sub Total	16	16	6	8
Year IV		Semester VIII				
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical
1	INT 492	Internship	3	0	0	6
2	PRJ 452	Project II	3	0	0	6
3		Elective III	3	3	1	2
		Sub Total	9	3	1	14
		Total	128			

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March 27, 2022



Pokhara University
Bachelor of Software Engineering, 2022

Year I		Semester I					
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical	
1	MEC 116	Basic Engineering Drawing	1	0	0	3	
2	MTH 110	Calculus I	3	3	2	0	
3	CMP 122	Computer Workshop	1	0	0	3	
4	ELX 110	Digital Logic	3	3	1	2	
5	CMP 116	Discrete Structure	3	3	1	0	
6	MTH 120	Problem Solving Techniques	3	3	1	0	
7	CMP 124	Programming in C	3	3	1	3	
		Sub-total	17	15	6	11	
Year I		Semester II					
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical	
1	MTH 150	Algebra and Geometry	3	3	2	0	
2	PHY 110	Applied Physics	3	3	1	2	
3	ENG 110	Communication Techniques	2	2	2	0	
4	ELX 176	Microprocessor and Computer Architecture	3	3	1	2	
5	CMP 162	Object Oriented Programming in C++	3	3	1	3	
6	CMP 168	Web Technology	3	3	1	3	
		Sub-total	17	17	8	10	
Year II		Semester III					
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical	
1	CMP 228	Advanced Programming with Java	3	3	1	3	
2	MTH 210	Calculus II	3	3	2	0	
3	CMP 160	Data Structure and Algorithms	3	3	1	3	
4	CMP 222	Database Management system	3	3	1	3	
5	MTH 216	Probability and Statistics	2	2	2	0	
6	CMP 230	Software Engineering Fundamentals	3	3	1	2	
		Sub-total	17	17	8	11	
Year II		Semester IV					
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical	
1	CMP 272	Analysis and Design of Algorithm	3	3	1	3	
2	CMP 274	Computer Graphics and Multimedia	3	3	1	2	
3	MTH 252	Numerical Methods	2	2	1	2	
4	CMP 278	Object Oriented Design and Modeling through UML	3	3	1	2	
5	CMP 270	Research Fundamentals	2	2	0	2	
6	CMP 280	System Programming	3	3	1	2	
		Sub-total	16	16	5	13	
Year III		Semester V					
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical	
1	CMP 266	Applied Operating Systems	3	3	1	2	
2	CMP 342	Artificial Intelligence and Neural Networks	3	3	1	3	
3	CMP 344	Computer Networks	3	3	1	2	
4	CMP 336	Data Science and Machine Learning	3	3	1	2	
5	CMP 338	Simulation and Modeling	3	3	1	2	
6	CMP 340	Software Design and Architecture	3	3	1	2	
		Sub-total	18	18	6	13	
Year III		Semester VI					
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical	
1	CMP 376	Agile Software Development	3	3	1	2	
2	CMP 378	Cloud Application Development Foundation	2	2	0	2	
3		Elective I	3	3	1	2	
4	MGT 320	Engineering Management	2	2	1	0	
5	CMP 380	Network Programming	3	3	0	2	
6	PRJ 360	Project I	1	0	0	2	
7	CMP 382	Software Dependability	3	3	1	2	
		Sub-total	17	16	4	12	
Year IV		Semester VII					
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical	
1	CMP 442	Distributed Systems and Cloud Computing	3	3	1	2	
2		Elective II	3	3	1	2	
3	MGT 250	Engineering Economics	3	3	1	0	
4	MGT 332	Entrepreneurship and Professional Practice	2	2	1	2	
5	CMP 438	Software Project Management	2	2	1	0	
6	CMP 440	Software Testing, Verification, Validation and Quality Assurance	3	3	1	2	
		Sub-total	16	13	6	6	
Year IV		Semester VIII					
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical	
1		Elective III	3	3	1	2	
3	INT 496	Internship	3	0	0	6	
4	PRJ 452	Project II	3	0	0	6	
		Sub-total	9	0	1	12	
		Total	127				

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March 27, 2022



Pokhara University
Bachelor of Engineering in Information Technology, 2022

Year I		Semester I				
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical
1	PHY 110	Applied Physics	3	3	1	2
2	ELE 120	Basic Electrical Engineering	3	3	1	2
3	MTH 110	Calculus I	3	3	2	0
4	ELX 120	Electronics Devices and Circuits	3	3	1	2
5	MTH 120	Problem Solving Techniques	3	3	1	0
6	CMP 124	Programming in C	3	3	1	3
		Sub Total	18	18	7	9
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 116	Basic Engineering Drawing	1	0	0	3
3	ENG 110	Communication Techniques	2	2	2	0
4	CMP 122	Computer Workshop	1	0	0	3
5	ELX 110	Digital Logic	3	3	1	2
6	CMP 116	Discrete Structure	3	3	1	0
7	CMP 162	Object Oriented Programming in C++	3	3	1	3
		Sub Total	16	14	7	11
Year II		Semester III				
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical
1	CMP 228	Advanced Programming with JAVA	3	3	1	3
2	MTH 210	Calculus II	3	3	2	0
3	CMP 160	Data Structure and Algorithms	3	3	1	3
4	ELE 172	Instrumentation	3	3	1	2
5	MTH 216	Probability and Statistics	2	2	2	0
6	CMP 230	Software Engineering Fundamentals	3	3	1	2
		Sub Total	17	17	8	10
Year II		Semester IV				
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical
1	MTH 250	Applied Mathematics	3	3	2	0
2	CMP 266	Applied Operating Systems	3	3	1	2
3	CMP 222	Database Management System	3	3	1	3
4	ELX 176	Microprocessor and Computer Architecture	3	3	1	2
5	CMP 268	System Administration and IT Infrastructure Services	2	2	1	2
6	CMP 168	Web Technology	3	3	1	3
		Sub Total	17	17	7	12
Year III		Semester V				
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical
1	CMP 234	Computer Graphics	3	3	1	2
2	MGT 332	Entrepreneurship and Professional Practice	2	2	1	0
3	CMP 328	IT Architecture	3	3	1	2
4	CMP 333	Multimedia Systems	2	2	1	2
5	MTH 252	Numerical Methods	2	2	1	2
6	CMP 270	Research Fundamentals	2	2	0	2
7	CMM 320	Signal, System and Processing	3	3	0	2
		Sub Total	17	17	5	12
Year III		Semester VI				
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical
1	CMP 344	Computer Networks	3	3	1	2
2	CMM 220	Data Communication	3	3	1	2
3	CMP 422	Data Science and Analytics	2	2	1	2
4		Elective I	3	3	1	2
5	MGT 320	Engineering Management	2	2	1	0
6	CMP 370	Internet of Things	2	2	1	2
7	PRJ 360	Project I	1	0	0	2
		Sub Total	16	15	6	12
Year IV		Semester VII				
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical
1		Elective II	3	3	1	2
2	MGT 250	Engineering Economics	3	3	1	0
3	CMP 428	ICT Project management	3	3	1	0
4	CMP 444	Information Systems	3	3	0	2
5	CMP 432	Intelligent system	3	3	0	2
6	CMP 434	IT System Security	3	3	1	2
		Sub Total	18	18	4	8
Year IV		Semester VIII				
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical
1		Elective III	3	3	1	2
2	INT 494	Internship	3	0	0	6
3	PRJ 452	Project II	3	0	0	6
		Sub Total	9	3	1	14
		Total	128	119	45	88


 of Science and Technology
 Pokhara University
 March 27, 2022
 of the Department

Pokhara University
Bachelor of Electrical and Electronics Engineering, 2022

Year I	Semester I					
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical
1	PHY 110	Applied Physics	3	3	1	2
2	ELE 130	Basic Electrical Circuits	3	3	1	2
3	MTH 110	Calculus I	3	3	2	0
4	CMP 112	Computer Programming	3	3	1	2
5	ELE 132	Electrical Installation Practice and Safety	2	2	1	2
6	MEC 116	Basic Engineering Drawing	1	0	0	3
7	MEC 136	Engineering Workshop	1	0	0	3
		Sub-total	16	14	6	14
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 170	Basic Mechanical Engineering	3	3	1	0
3	ENG 110	Communication Techniques	2	2	2	0
4	ELE 174	Electrical Engineering Material	3	3	1	0
5	ELX 174	Electronic Devices	3	3	1	2
6	ELE 178	Network Theory	3	3	1	2
		Sub-total	17	17	8	4
Year II	Semester III					
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical
1	MTH 210	Calculus II	3	3	2	0
2	ELX 110	Digital Logic	3	3	1	2
3	ELE 230	Electrical Machine I	3	3	1	2
4	ELX 234	Electromagnetic Fields and Waves	3	3	1	0
5	ELX 232	Electronic Circuits	3	3	1	2
6	ELE 172	Instrumentation	3	3	1	2
		Sub-total	18	18	7	8
Year II	Semester IV					
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical
1	MTH 250	Applied Mathematics	3	3	2	0
2	ELE 270	Control System	3	3	1	2
3	ELE 272	Electrical Machine II	2	2	1	2
4	ELX 270	Microprocessors	3	3	1	2
5	MTH 252	Numerical Methods	2	2	1	2
6	ELE 274	Transmission and Distribution Systems	3	3	1	0
		Sub-total	16	16	7	8
Year III	Semester V					
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical
1	ELE 334	Control System Design	2	2	1	2
2	ELE 336	Electrical Machine Design	3	3	2	0
3	MGT 250	Engineering Economics	3	3	1	0
4	ELE 342	Power Electronics	3	3	1	2
5	ELE 340	Power System Analysis	3	3	1	2
6	ELX 330	Signals and System	3	3	1	2
		Sub-total	17	17	7	8
Year III	Semester VI					
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical
1	MGT 320	Engineering Management	2	2	1	0
2	ELE 372	High Voltage Engineering	3	3	1	0
3	MTH 216	Probability and Statistics	2	2	2	0
4	ELE 374	Switch Gear & Protection	3	3	1	2
5	ELE 378	Utilization of Electrical Energy	3	3	2	0
6		Elective I	3	3	1	0
		Sub-total	16	16	8	2
Year IV	Semester VII					
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical
1	ELX 370	Modern Communication System	3	3	1	0
2	ELE 434	Power Plant Technology	3	3	1	0
3	ELE 436	Renewable Energy and Grid Integration	3	3	0	2
4	ELE 338	Research Methodology	2	2	0	0
5	ELE 440	Transmission and Distribution Design	3	3	0	2
6		Elective II	3	3	1	0
		Sub-total	17	17	3	4
Year IV	Semester VIII					
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical
1		Elective III	3	3	1	0
2	INT 488	Internship	3	0	0	6
3	PRJ 452	Major Project	3	0	0	6
		Sub-total	9	3	1	12
		Total	126			



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Year I	Semester I					
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical
1	PHY 110	Applied Physics	3	3	1	2
2	ELE 130	Basic Electrical Circuits	3	3	1	2
3	MTH 110	Calculus I	3	3	2	0
4	CMP 112	Computer Programming	3	3	1	2
5	ELE 132	Electrical Installation Practice and Safety	2	2	1	2
6	MEC 116	Basic Engineering Drawing	1	0	0	3
7	MEC 136	Engineering Workshop	1	0	0	3
		Sub-total	16	14	6	14
Year I	Semester II					
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical
1	MTH 150	Algebra and Geometry	3	3	2	0
2	ENG 110	Communication Techniques	2	2	2	0
3	ELX 174	Electronic Devices	3	3	1	2
4	ELE 178	Network Theory	3	3	1	2
5	CMP 164	Object Oriented Programming with JAVA	3	3	1	2
6	ELX 180	Semiconductor Material	2	2	1	0
		Sub-total	16	16	8	6
Year II	Semester III					
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical
1	MTH 210	Calculus II	3	3	2	0
2	CMP 160	Data Structure and Algorithms	3	3	1	3
3	ELX 110	Digital Logic	3	3	1	2
4	ELX 234	Electromagnetic Fields and Waves	3	3	1	0
5	ELX 232	Electronic Circuits	3	3	1	2
6	ELE 172	Instrumentation	3	3	1	2
		Sub-total	18	18	7	9
Year II	Semester IV					
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical
1	MTH 250	Applied Mathematics	3	3	2	0
2	CMP 234	Computer Graphics	3	3	1	2
3	CMP 222	Database Management System	3	3	1	3
4	ELE 276	Electrical Machine and Control	3	3	1	2
5	ELX 270	Microprocessors	3	3	1	2
6	MTH 252	Numerical Methods	2	2	1	2
		Sub-total	17	17	7	11
Year III	Semester V					
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical
1	CMP 346	Artificial Intelligence	3	3	1	3
2	CMP 324	Computer Organization and Architecture	3	3	1	2
3	MGT 250	Engineering Economics	3	3	1	0
4	ELX 332	IOT & Sensor Technology	3	3	1	2
5	ELE 338	Research Methodology	2	2	0	0
6	ELX 330	Signals and System	3	3	1	2
		Sub-total	17	17	5	9
Year III	Semester VI					
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical
1	CMM 380	Analog and Digital Communication	3	3	2	2
2	CMM 382	Data Communication & Computer Network	3	3	0	2
3	ELX 372	Digital System Design	2	2	1	2
4		Elective I	3	3	1	0
5	ELX 320	Embedded System	2	2	1	2
6	MTH 216	Probability and Statistics	2	2	2	0
		Sub-total	15	15	7	8
Year IV	Semester VII					
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical
1	CMM 422	Digital Signal Processing	3	3	1	2
2		Elective II	3	3	1	0
3	ELX 434	Electromagnetic Propagation & Antenna	3	3	1	2
4	MGT 320	Engineering Management	2	2	1	0
5	CMM 424	Telecommunication and Network Security	3	3	1	0
6	CMM 426	Wireless Communication Technology	3	3	1	2
		Sub-total	17	17	6	6
Year IV	Semester VIII					
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical
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	3	1	12
		Total	125			



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