

CAREER POINT UNIVERISTY, KOTA

School of Engineering and Technology

Course: Polytechnic Diploma Electrical Engineering

Duration: 3 Years

Credits Requirement

Category	Credits
Department Core (DC)	53
Basic Science (BS)	11
Engineering Arts & Sciences (EAS)	12
Humanities & Social Sciences (HC)	4
Total	80

Basic Sciences (BS) Core Subjects					
Code	Subject Name	L	T	P	CR
PHL 102	Applied Physics	3	0	2	4
CYL 102	Applied Chemistry	2	0	2	3
MAL104	Applied Mathematics	3	1	0	4
TOTAL		8	1	4	11

Subject wise Credit

Departmental Core (DC) Subjects					
Code	Subject Name	L	T	P	CR
DEE201	Basic Electronics	2	0	1	2.5
DEE202	Basic Mechanical Engineering	2	0	1	2.5
DEE203	Basic Electrical Engineering	2	0	1	2.5
DEE204	Electrical Measurement & Instr.	2	0	2	3
DEE205	Electrical Circuit Theory	2	1	0	3
DEE206	Electrical Machines-1	2	1	2	4
DEE207	Power System-1	2	1	0	3
DEE208	Microprocessor & C Programming	2	0	1	2.5
DEE209	Electrical Workshop	2	0	2	3
DEE301	Power Electronics & Drives	2	0	1	2.5
DEE302	Utilization of Electrical Power & Traction	2	0	0	2
DEE303	Estimating, Costing & Design of Electrical Installations	2	0	1	2.5
DEE304	Electrical Design & Drawing	2	0	2	3
DEE305	Fundamentals of Control System	2	1	0	3
DEE306	Electrical Machines – II	2	1	2	4
DEE307	Power System II	2	1	0	3
DEE308	Power System III	2	0	0	2
DEE309	Switchgear & Protection	2	1	0	3
DEE310	Energy Management	2	0	0	2
TOTAL		38	7	16	53

Engineering Arts & Sciences (EAS) Core Subjects					
Code	Subject Name	L	T	P	CR
CSL 104	Computer & Information Technology Fundamentals	2	0	2	3
AML 106	Applied Mechanics	2	1	2	4
MEP 107	Engineering Drawing	0	0	4	2
MEP 108	Workshop Practice	0	0	3	1.5
EAP 109	Electrical & Electronics Workshop	0	0	3	1.5
TOTAL		4	1	14	12

Humanities and Social Sciences (HU) Core Subjects					
Code	Subject Name	L	T	P	CR
HUL 104	English & Communication Skills	1	0	2	2
DEE210	Management	2	0	0	2
TOTAL		3	0	2	4

Abbreviations	
L: No of Lecture per week	LC: Theory Papers per Semester
T: No of Tutorial per week	CR: Credit per Subject
P: No of Practical per week	DC: Departmental Core
DE: Departmental Elective	DCL: Departmental Clinical

School of Legal Studies & Governance, Career Point University

City Campus: CP Tower-2, Road No-1, IPIA, Kota (Raj) | University Campus: Alaniya, Jhalawar Road, Kota (Raj)

0744-6630551 | www.cpur.in

Yearly Subjects

1 st Year	
PHL 102	Applied Physics
CYL 102	Applied Chemistry
MAL104	Applied Mathematics
CSL 104	Computer & Information Technology Fundamentals
AML 106	Applied Mechanics
MEP 107	Engineering Drawing
MEP 108	Workshop Practice
EEP 109	Electrical & Electronics Workshop
HUL 104	English & Communication Skills

2 nd Year	
DEE201	Basic Electronics
DEE202	Basic Mechanical Engineering
DEE203	Basic Electrical Engineering
DEE204	Electrical Measurement & Instr.
DEE205	Electrical Circuit Theory
DEE206	Electrical Machines-1
DEE207	Power System-1
DEE208	Microprocessor & C Programming
DEE209	Electrical Workshop
DEE210	Management

3 rd Year	
DEE301	Power Electronics & Drives
DEE302	Utilization of Electrical Power & Traction
DEE303	Estimating, Costing & Design of Electrical Installations
DEE304	Electrical Design & Drawing
DEE305	Fundamentals of Control System
DEE306	Electrical Machines – II
DEE307	Power System II
DEE308	Power System III
DEE309	Switchgear & Protection
DEE310	Energy Management