

CAREER POINT UNIVERISTY, KOTA

School of Engineering and Technology

Course: Polytechnic Diploma Computer Science Engineering

Duration: 3 Years

Credits Requirement	
Category	Credits
Department Core (DC)	55
Basic Science (BS)	11
Engineering Arts & Sciences (EAS)	12
Humanities & Social Sciences (HC)	4
Total	82

Subject wise Credit

Departmental Core (DC) Subjects						
Code	Subject Name	L	T	P	CR	
DCS 201	Programming And Problem Solving Through 'C'	2	0	2	3	
DCS 202	Computer System Architecture	2	1	0	3	
DCS 203	Operating System Principles	2	0	0	2	
DCS 204	Basics Of Electronic Devices And Circuits	2	1	0	3	
DCS 205	Basics Of Digital Electronics	2	0	2	3	
DCS 206	Data Communication	2	0	0	2	
DCS 207	Data Base Management Systems	2	1	0	3	
DCS 208	Microprocessor And Interfacing	2	0	2	3	
DCS 209	Internet And Web Technologies	2	0	2	3	
DCS 210	Pc Maintenance And Trouble Shooting	2	0	2	3	
DCS 301	Data Structure And Algorithm	2	0	2	3	
DCS 302	Object Oriented Programming Through C++	2	0	2	3	
DCS 303	Unix, Shell Programming And Administration	2	0	2	3	
DCS 304	Software Engineering	2	0	0	2	
DCS 305	Dot Net Technology	2	0	2	3	
DCS 306	Computer Network	2	0	0	2	
DCS 307	Data Warehouse And Mining	2	1	0	3	
DCS 308	Introduction To Network Security And Cryptography	2	0	0	2	
DCS 309	Java Tools	2	0	2	3	
DCS 310	PHP and MYSQL	2	0	2	3	
TOTAL		40	4	22	55	

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

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
EEP 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

Semester wise Subjects

First 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

Second Year	
DCS 201	Programming And Problem Solving Through 'C'
DCS 202	Computer System Architecture
DCS 203	Operating System Principles
DCS 204	Basics Of Electronic Devices And Circuits
DCS 205	Basics Of Digital Electronics
DCS 206	Data Communication
DCS 207	Data Base Management Systems
DCS 208	Microprocessor And Interfacing
DCS 209	Internet And Web Technologies
DCS 210	Pc Maintenance And Trouble Shooting

Third Year	
DCS 301	Data Structure And Algorithm
DCS 302	Object Oriented Programming Through C++
DCS 303	Unix, Shell Programming And Administration
DCS 304	Software Engineering
DCS 305	Dot Net Technology
DCS 306	Computer Network
DCS 307	Data Warehouse And Mining
DCS 308	Introduction To Network Security And Cryptography
DCS 309	Java Tools
DCS 310	PHP and MYSQL