

CAREER POINT UNIVERSITY, KOTA

School of Engineering and Technology, CSE Department

Course: B Tech

Duration: 4 Years (8 Semesters)

The overall credits structure

Undergraduate Core (UC)		Undergraduate Elective (UE)	
Category	Credits	Category	Credits
DC	59	DE	39
BS	20	HU & HM	17
EAS	16	OC	31
Total	95	Total	87

Subject wise Credit

Basic Sciences (BS) Core						
Code	Subject Name	L	T	P	CR	
CYL110	Physical Chemistry: Concepts & Applications	3	1	0	4	
CYP100	Chemistry Laboratory	0	0	4	2	
MAL110	Mathematics-I	3	1	0	4	
MAL120	Mathematics-II	3	1	0	4	
PHL110	Field & Waves	3	1	0	4	
PHP100	Physics Laboratory	0	0	4	2	
ENL011	Environmental Studies	0	0	0	0	
	Total	12	4	8	20	

Humanities and Social Sciences (HC) Core						
Code	Subject Name	L	T	P	CR	
HUL 101	English in Practice-I	2	0	2	3	
HUL110	Communication Skills	2	0	2	3	
HUL235	English (Technical Communication)	2	1	0	3	
HUL242	Soft Skills & Personality Development	3	1	0	4	
HUL300	Communication Skills & Personality Development	3	1	0	4	
	Total	12	3	4	17	

Departmental Core (DC)						
Code	Subject Name	L	T	P	CR	
CSL205	Discrete Mathematical Structures	3	1	0	4	
CSL202	Data Structures	3	0	2	4	
CSL212	Computer Architecture	3	1	0	4	
CSL225	Programming in C++	3	0	2	4	
CSL441	Web Technology	3	0	2	4	
MAL250	Introduction to Probability Theory and Stochastic Processes	3	1	0	4	
CSL278	Operating Systems	3	0	2	4	
CSL356	Analysis and Design of Algorithms	3	0	2	4	

CSL372	Computer Networks	3	0	2	4	
CSL234	Programming in Java	3	0	2	4	
CSC410	Colloquium (CS)	0	3	0	3	
CSD411	Major Project Part-1 (CS)	0	0	8	4	
CSD413	Industrial Project (CS)	0	0	24	12	
CST410	Practical Training	0	0	0	0	
	Total	30	6	46	59	

Engineering Arts and Sciences (EAS) Core						
Code	Subject Name	L	T	P	CR	
AML110	Engineering Mechanics	3	0	2	4	
CSL101	Introduction to Computers & Programming	3	0	2	4	
EEL101	Fundamentals of Electrical Engineering	3	0	2	4	
MEL120	Manufacturing Practices	3	0	2	4	
MEL110	Graphics Science	0	0	4	2	
	Total	12	0	12	18	

Departmental Electives (DE)						
Code	Subject Name	L	T	P	CR	
CSL230	Introduction to Database Systems	3	0	2	4	
CSL381	Computer Graphics	3	0	2	4	
CSL310	Theory of Computation	3	0	0	3	
CSL331	Artificial Intelligence	3	0	0	3	
CSL335	Compiler Design	3	0	0	3	
CSL240	Software Engineering	3	0	0	3	
CSL458	Cryptography and Network Security	3	0	0	3	
CSL439	Data Mining & Warehousing	3	1	0	4	
CSL377	Introduction to Cloud Computing	3	0	0	3	
CSL357	Programming in Python	3	0	2	4	
CSL214	Internet of Things (IoT)	2	0	2	3	
CSP302	Android	0	0	2	1	
CSP391	Web-Technology	0	0	2	1	
	Total	32	1	12	39	

School of Engineering & Technology, Career Point University

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

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Open Course (OC)					
Code	Name	L	T	P	CR
CSL229	Object Oriented Programming	3	0	0	3
CSL313	Database Management System	3	0	0	3
CSL314	Introduction to Operating system	3	1	0	4
CSL341	Introduction to Software Engineering	3	0	0	3
CSL376	Introduction to Computer Networks	3	1	0	4
CSL438	Introduction to Artificial Intelligence	3	0	0	3
CSL435	Java Programming	3	1	0	4
CSL459	Introduction to Cryptography and Network Security	3	0	0	3
CSL831	Introduction to Data Mining & Warehousing	3	1	0	4
	Total	27	4	0	31

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
OC: Open Course	BS: Basic Sciences
HC: Humanities and Social Sciences	EAS: Engineering Arts and Sciences

Semester wise Subjects

Semester -1	
CYL110	Physical Chemistry: Concepts & Applications
CYP100	Chemistry Laboratory
MAL110	Mathematics-I
AML110	Engineering Mechanics
CSL101	Introduction to Computers & Programming
HUL101	English in Practice-I

Semester -2	
MAL120	Mathematics-II
PHL110	Field & Waves
PHP100	Physics Laboratory
EEL101	Fundamentals of Electrical Engineering
MEL110	Graphic Science
MEL120	Manufacturing Practices
HUL110	Communication Skills

Semester -3	
HUL235	English (Technical Communication)
CSL205	Discrete Mathematical Structures
CSL202	Data Structures
CSL212	Computer Architecture
CSL225	Programming in C++
CSL214	IoT (Internet of Things)
CSP213	Web Designing Lab

Semester -4	
HUL234	Language & Communication
CSL234	Programming in Java
CSL278	Operating Systems
MAL250	Probability Theory and Stochastic
CSL240	Software Engineering
CSL230	Introduction to Database Systems
Open Course 1	

Semester -5	
HUL242	Soft Skills & Personality Development
CSL356	Analysis and Design of Algorithms
CSL310	Theory of Computation
CSL381	Computer Graphics
CSL357	Programming in Python
Open Course 2	
Open Course 3	

Semester -6	
HUL300	Communication Skills & Personality Development
CSL374	Computer Networks
CST410	Practical Training (CSE)
CSL331	Artificial Intelligence
CSL335	Compiler Design
CSP302	Android
CSL441	Web Technology
CSL377	Introduction to Cloud Computing
Open Course 4	
Open Course 5	

Semester -7	
CSC410	Colloquium (CS)
CSD411	Major Project Part 1 (CSE)
CSL458	Cryptography and Network Security
CSL439	Data Mining & Warehousing
Open Course 6	
Open Course 7	

Semester -8	
CSD413	Industrial Project (CS)
Open Course 7	
Open Course 8	