

CAREER POINT UNIVERISTY, KOTA

School of Engineering & Technology, CPU

Department of Mechanical Engineering

Course: Polytechnic Diploma in Mechanical Engineering

Duration: 3 Years

Credits Requirement		
	Category	Credits
Diploma Core (UC)	DC	80
Total		80

Subject wise Credit

Departmental Subjects (DS)						
Code	Subject Name	L	T	P	CR	
HUL104	English & Communication Skills	1	0	2	2	
PHL 102	Applied Physics	3	0	2	4	
CYL 102	Applied Chemistry	2	0	2	3	
MAL 104	Applied Mathematics	3	1	0	4	
CSL 104	Computer & IT 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	
DME 201	Strength of Materials	2	1	1	3.5	
DME 202	Fluid Mechanics & Machines	2	1	1	3.5	
DME 203	Engg. Materials and Processes	2	0	1	2.5	
DME 204	Theory Of Machines	2	1	0	3	
DME 205	Machine Drawing and Computer Aided Drafting	0	0	4	2	
DME 206	Basic Automobile Engg.	2	0	1	2.5	
DME 207	Electrical & Electronics Engg.	2	0	1	2.5	

DME 208	Thermodynamics & I.C. Engines	2	0	1	2.5
DME 209	Workshop Technology & Metrology	2	0	2	3
DME 210	C Programming	2	0	2	3
DME 301	Refrigeration and Air Conditioning	2	0	2	3
DME 302	Processes In Manufacturing	2	0	2	3
DME 303	Thermal Engineering & Heat Transfer	2	0	2	3
DME 304	CNC Machines & Automation	2	0	2	3
DME 305	Power Generation	2	0	0	2
DME 306	Advance Workshop Techniques	2	0	2	3
DME 307	Industrial Engineering	2	0	0	2
DME 308	Machine Design	2	1	0	3
DME 309	Mechanical Estimating & Costing	2	1	0	3
DME 310	Management & Entrepreneurship	2	0	0	2
Total		51	7	44	80

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	DS: Departmental Subject

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)

0744-6630551 | www.cpur.in

Yearwise Subjects

1-Year	
HUL104	English & Communication Skills
PHL 102	Applied Physics
CYL 102	Applied Chemistry
MAL 104	Applied Mathematics
CSL 104	Computer & Information Technology fundamental
AML 106	Applied Mechanics
MEP 107	Engineering Drawing
MEP 108	Workshop Practice
EEP 109	Electrical & Electronics Workshop

3-Year	
DME 301	Refrigeration and Air Conditioning
DME 302	Processes In Manufacturing
DME 303	Thermal Engineering & Heat Transfer
DME 304	CNC Machines & Automation
DME 305	Power Generation
DME 306	Advance Workshop Techniques
DME 307	Industrial Engineering
DME 308	Machine Design
DME 309	Mechanical Estimating & Costing
DME 310	Management & Entrepreneurship

2-Year	
DME 201	Strength of Materials
DME 202	Fluid Mechanics & Machines
DME 203	Engg. Materials and Processes
DME 204	Theory Of Machines
DME 205	Machine Drawing and Computer Aided Drafting
DME 206	Basic Automobile Engg.
DME 207	Electrical & Electronics Engg.
DME 208	Thermodynamics & I.C. Engines
DME 209	Workshop Technology & Metrology
DME 210	C Programming