

Course Offering
Semester: Fall 2026
Program:BS Mechanical Engineering

Sr.	Code	Course Title	Status	Section	Pre-Req.	Co-Req.	Semester
1.	MEG1513	Calculus and Analytical Geometry	General	1	Nil	Nil	1
2.	MEG1113	Functional English	General	1	Nil	Nil	1
3.	MEG1312	Applied Physics	General	1	Nil	MEG1311	1
4.	MEG1012	Islamic Studies/Ethics	General	1	Nil	Nil	1
5.	MEG1612	Applications of Information and Communication Technologies	General	1	Nil	MEG1611	1
6.	MEG1611	Applications of Information and Communication Technologies Lab	General	1	Nil	MEG1612	1
7.	MEG1311	Applied Physics Lab	General	2	Nil	MEG1312	1
8.	ME1801	Workshop Practice - I	Major	2	Nil	Nil	1
9.	EG1500	Mathematics	Deficiency	1	Nil	Nil	1
10.	MEG1812	Civics and Community Engagement	General	1	Nil	Nil	3

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11.	MEG1022	Ideology and Constitution of Pakistan	General	1	Nil	Nil	3
12.	ME2233	Mechanics of Materials-I	Major	1	ME1273	Nil	3
13.	ME2081	CAD Lab	Major	1	ME1011	Nil	3
14.	ME2513	Fluid Mechanics-I	Major	1	Nil	Nil	3
15.	ME2122	Thermodynamics-II	Major (Breadth)	1	ME1113	ME2121	3
16.	ME2121	Thermodynamics Lab	Major	1	Nil	ME2122	3
17.	CSME1012	Computer System and Programming	Major	1	Nil	CSME1011	3
18.	CSME1011	Computer System and Programming Lab	Major	1	Nil	CSME1012	3
19.	MEG1031	Fehm-ul-Quran – II	General	1	Nil	Nil	3
20.	ME3752	Numerical Analysis	Major	1	MTME1043	ME3751	5
21.	ME3751	Numerical Analysis Lab	Major	1	Nil	ME3752	5
22.	ME3033	Mechanics of Machines	Major	1	ME2223	Nil	5
23.	ME3043	Machine Design-I	Major	1	ME2243	Nil	5
24.	ME3613	Manufacturing Processes	Major	1	Nil	ME3611	5

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25.	ME3611	Manufacturing Processes Lab	Major	1	Nil	ME3613	5
26.	ME3523	Fluid Mechanics-II	Major	1	ME2513	ME3521	5
27.	ME3521	Fluid Mechanics-II Lab	Major	1	Nil	ME3523	5
28.	MEG1032	Pakistan Studies	General	1	Nil	Nil	5
29.	EEME4012	Control Engineering	IDC	1	Nil	EEME4741	7
30.	EEME4011	Control Engineering lab	IDC	1	Nil	EEME4742	7
31.	HMME4761	Health Safety and Environment	IDC	1	Nil	Nil	7
32.	ME4153	Refrigeration and Air Conditioning	Major	1	ME3131	ME4151	7
33.	ME4151	Refrigeration and Air Conditioning Lab	Major	1	Nil	ME4153	7
34.	ME4142	Internal Combustion Engines	Major	1	ME3131	ME4141	7
35.	ME4141	Internal Combustion Engines Lab	Major	1	Nil	ME4142	7
36.	ME4703	Introduction to Electric and Hybrid Vehicles	Tech. Elective/ Major	1	Nil	Nil	7
37.	ME4913	Design Project-I	Capstone / Design Project	1	90 Cr.	Nil	7