

Government College of Technology, Rajanpur

Syllabus for DAE Electrical

1st Year

Sr#	Course Code	Course Title	T	P	C
01	GEN - 111	Islamiat and Pakistan Studies	1	0	1
02	ENG - 112	English	2	0	3
03	MATH - 123	Applied Mathematics-I	3	0	1
04	CH -132	Applied Chemistry	1	3	2
05	COMP- 162	Computer Applications	1	3	3
06	ET-125	Principles of Electrical Engineering	3	3	3
07	ET-131	Basic Electrical Drawing	0	3	3
08	ET-131	Workshop Practice (Electrical)	1	6	3
09	ET-143	Workshop Practice (Mechanical)	0	9	3
		I. Metal Work	0	3	1
		ii. Welding	0	3	1
		iii. Machine Shop	0	3	1
Total Credit Hours			12	30	22

2nd Year

Sr#	Course Code	Course Title	T	P	C
01	GEN - 201	Islamiat and Pakistan Studies	1	0	1
02	MATH - 223	Application Mathematic-II	3	0	3
03	PHY- 222	Applied Physic	1	3	2
04	MGM - 221	Business Management & Industrial Economics	1	0	1
05	ET-203	D.C. Machines & Batteries	2	3	3
06	ET-273	Electrical Instruments & Measurements	2	3	3
07	ET-253	Utilization of Electrical Energy	2	3	3
08	ET-252	Electrical Installation Planning & Estimating	1	3	2
09	ET-261	Application of Computer in Electrical Tech	0	3	1
10	ET-283	Basic Electronics	2	3	3
11	ET-282	Digital Logic Design	1	3	2
Total Credit Hours			16	24	24

3rd Year

Sr#	Course Code	Course Title	T	P	C
01	GEN - 301	Islamiat & Pakistan Studies	1	0	1
02	MGM-321	Business Communication	1	0	1
03	MGM -311	Industrial Management & Human Relations	1	0	1
04	ET-326	A.C. Machines	4	6	6
05	ET-332	Power Plan & Energy Conservation	2	0	2
06	ET-345	Transmission, Distribution & Protection of Electrical Power System	4	3	5
07	ET-303	Telecommunication	2	3	3
08	ET-363	Repair & Maintenance of Electrical Equipments	1	6	3
09	ET-373	Industrial Electronics	2	3	3
Total Credit Hours			18	21	25