

Government College of Technology, Rajanpur

Syllabus for DAE Civil

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	2
03	MATH - 113	Applied Mathematics	3	0	3
04	CH -112	Applied Chemistry	1	3	2
05	PHY - 122	Applied Physics	1	3	2
06	CIVIL-104	Basic Civil Engineering Surveying	2	6	4
07	CIVIL-113	Engineering Materials & Construction Techniques	2	3	3
08	CIVIL-143	Basic Civil Engineering Drawing	1	6	3
09	Shop-102	Workshop Practice	1	3	2
10	Comp-111	Computer Application	0	3	1
Total Credit Hours			14	27	23

2nd Year

Sr#	Course Code	Course Title	T	P	C
01	GEN - 201	Islamiat /Pakistan Studies	1	0	1
02	MATH - 212	Applied Mathematics- II	2	0	2
03	GEN- 222	Communication Skills & Report Writing	1	0	1
04	CIVIL - 203	Public Health Technology	2	3	3
05	CIVIL-214	Advanced Civil Engineering Surveying	2	6	4
06	CIVIL-223	Advanced Construction Techniques	2	3	3
07	CIVIL-232	Quantity Surveying	1	3	2
08	CIVIL-243	Civil Engineering Drawing & Auto CAD	1	6	3
09	CIVIL-263	Engineering Mechanics	2	3	3
10	CIVIL-271	Entrepreneurship	1	0	1
Total Credit Hours			15	24	23

3rd Year

Sr#	Course Code	Course Title	T	P	C
01	GEN - 301	Islamiat and Pakistan Studies	1	0	1
02	CIVIL- 303	Advanced Quantity Surveying	1	0	3
03	CIVIL -314	Construction Project Planning & Management	2	16	4
04	CIVIL-322	Environment Health and Safety	2	0	2
05	CIVIL-334	Hydraulics & Irrigation Engineering	3	3	4
06	CIVIL-343	Transportation Engineering	2	3	3
07	CIVIL-354	Concrete Technology and RCC Design	3	3	4
08	CIVIL-373	Soil Mechanics & Bridge Engineering	2	3	3
Total Credit Hours			16	24	24