Punjab University of Technology Rasul

BS CIVIL ENGINEERING TECHNOLOGY

1st Semester First Year:

S No	Course Code	Subject	Nature	Credit Hours		Weekly Contact Hours	
				Theory	Practical	Theory	Practical
1	CH-112	Islamic Studies / Professional Ethics	Humanities	2	0	2	0
2	CS-113	Applied Mathematics-I	Natural Sciences	3	0	3	0
3	CS-123	Introduction to Computer Fundamentals	Computer Science	1	2	1	6
4	CT-113	Civil Engineering Drawing	Engineering Foundation	1	2	1	6
5	CT-124	Surveying	Engineering Foundation	2	2	2	6
6	CM-112	Occupational Health & safety Management	Management Science	2	0	2	0
Total				**11**	**06**	**11**	**18**
Grand Total				**11+06 = 17**		**11+18 = 29**	

2nd Semester First Year:

S No	Course Code	Subject	Nature	Credit Hours		Weekly Contact Hours	
				Theory	Practical	Theory	Practical
1	CT-134	Concrete Technology	Engineering Foundation	2	2	2	6
2	CH-123	Communication Skills	Humanities / English	3	0	3	0
3	CT-144	Applied Mechanics	Engineering Foundation	2	2	2	6
4	CT-154	Materials and Methods of Construction	Engineering Foundation	2	2	2	6
5	CS-133	Applied Mathematics - II	Natural Science	3	0	3	0
Total				**12**	**06**	**12**	**18**
Grand Total				**12+06 = 18**		**12+18 = 30**	

Punjab University of Technology Rasul

BS CIVIL ENGINEERING TECHNOLOGY

3rd Semester Second Year:

S No	Course Code	Subject	Nature	Credit Hours		Weekly Contact Hours	
				Theory	Practical	Theory	Practical
1	CT-212	Introduction to Architecture and Town Planning	Engineering Foundation	2	0	2	0
2	CH-212	Pakistan Studies	Humanities	2	0	2	0
2	CT-223	Quantity Surveying and Contract Documents	Engineering Foundation	1	2	1	6
3	CT-233	Soil Mechanics	Major based Breadth	2	1	2	3
4	CT-243	Fluid Mechanics	Major based Breadth	2	1	2	3
5	CT-254	Mechanics of Solids	Major based Breadth	2	2	2	6
Total				**11**	**06**	**09**	**18**
Grand Total				**11+06 = 17**		**09+18 = 29**	

4th Semester Second Year:

S No	Course Code	Subject	Nature	Credit Hours		Weekly Contact Hours	
				Theory	Practical	Theory	Practical
1	CT-264	Transportation Engineering	Major based Breadth	2	2	2	6
2	CT-274	Water Supply & Waste Water Management	Major based Breadth	2	2	2	6
3	CM-213	Environmental Management	Management Sciences	2	1	2	3
4	CT-283	Theory of Structures	Major based Depth	2	1	2	3
5	CH-223	Technical Report Writing	Humanities / English	3	0	3	0
Total				**11**	**06**	**11**	**18**
Grand Total				**11+06 = 17**		**11+18 = 29**	

Punjab University of Technology Rasul

BS CIVIL ENGINEERING TECHNOLOGY

5th Semester Third Year

S No	Course Code	Subject	Nature	Credit Hours		Weekly Contact Hours	
				Theory	Practical	Theory	Practical
1	CT-313	Hydrology	Major based Breadth	2	1	2	3
2	CT-323	Reinforced Concrete Structures	Major based Breadth	2	1	2	3
3	CT-333	Construction and Hydraulic Machinery	Major based Depth	2	1	2	3
4	CT-343	Computer Aided Building Modeling and Design	Major based Depth	1	2	1	6
5	CT-353	Foundations Engineering	Major based Depth	2	1	2	3
6	CM-313	Project Management	Management Science	3	0	3	0
Total				**12**	**06**	**12**	**18**
Grand Total				**12+06 = 18**		**12+18 = 30**	

6th Semester Third Year:

S No	Course Code	Subject	Nature	Credit Hours		Weekly Contact Hours	
				Theory	Practical	Theory	Practical
1	CT-363	Pre-stressed & Precast concrete	Major based Depth	2	1	2	3
2	CT-373	Geology & Earthquake Engineering	Major based Depth	2	1	2	3
3	CT-383	Irrigation and Hydraulic Structures	Major based Depth	2	1	2	3
4	CT-393	Steel Structures	Major based Depth	2	1	2	3
5	CT-3103	Project	Major based Depth	0	3	0	9
Total				**08**	**07**	**08**	**21**
Grand Total				**08+07 = 15**		**08+21 = 29**	

Punjab University of Technology Rasul

BS CIVIL ENGINEERING TECHNOLOGY

6th Semester Third Year Summer Project Work:

S. No	Course Code	Subject	Credit Hours		Contact Hours	
			Theory	Practical	Theory	Practical
1	CT-3113	Project (Continue)	0	03	0	09
Grand Total			**00+ 03 = 03**		**00 + 09 = 09**	

7th Semester Fourth Year:

S. No	Course Code	Subject	Credit Hours		Contact Hours	
			Theory	Practical	Theory	Practical
1	CT4116	16 Weeks Supervised Industrial / Field Training (8x5=40 hrs / Week)	0	16	0	40x16 =640
Total			**0**	**16**	**0**	**640**
Grand Total			**0+ 16 = 16**		**00 + 640 = 640**	

8th Semester Fourth Year:

S. No	Course Code	Subject	Credit Hours		Contact Hours	
			Theory	Practical	Theory	Practical
1	CT4216	16 Weeks Supervised Industrial / Field Training (8x5=40 hrs / Week)	0	16	0	40x16 =640
Total			**0**	**16**	**0**	**640**
Grand Total			**0+ 16 = 16**		**0+ 640 = 640**	

Summary:

BSc Civil Engineering Technology		
Semester	**Credit Hours**	
	Theory	**Practical**
1st	11	06
2nd	12	06
3rd	11	06
4th	11	06
5th	12	06
6th	08	07
6th Summer	00	03
7th	00	16
8th	00	16
Total	**65**	**72**
G. Total	**137**	