



Course Distribution

1st Semester

Sr. No	Course Code	Subject	Nature	Credit Hours		Weekly Contact Hours	
				Theory	Practical	Theory	Practical
1	CS113	Applied Mathematics-I	Natural Sciences	3	0	3	0
2	CS124	Computer Applications	Computing	2	2	2	4
3	CH114	English Language skills	Humanities / English	2	2	2	4
4	CT114	Civil Engineering Drawing	Engineering Foundation	1	3	1	6
5	CH121	Islamic Studies	Humanities	1	0	1	0
Total				9	7	9	14
Grand Total				09+07 = 16		09 + 14 = 23	



Course Distribution

2nd Semester

Sr. No	Course Code	Subject	Nature	Credit Hours		Weekly Contact Hours	
				Theory	Practical	Theory	Practical
1	CT124	Concrete Technology	Engineering Foundation	2	2	2	4
2	CT134	Surveying	Engineering Foundation	2	2	2	4
3	CT144	Applied Mechanics	Engineering Foundation	2	2	2	4
4	CT154	Materials and Methods of Construction	Engineering Foundation	2	2	2	4
5	CH131	Pakistan Studies	Humanities	1	0	1	0
Total				9	8	9	16
Grand Total				09 + 08 = 17		09 + 16 = 25	



Course Distribution

3rd Semester

Sr. No	Course Code	Subject	Nature	Credit Hours		Weekly Contact Hours	
				Theory	Practical	Theory	Practical
1	CS213	Applied Mathematics-II	Natural Sciences	3	0	3	0
2	CT214	Quantity Surveying and Contract Documents	Engineering Foundation	1	3	1	6
3	CT224	Soil Mechanics	Major based Breadth	2	2	2	4
4	CT234	Fluid Mechanics	Major based Breadth	2	2	2	4
5	CT244	Mechanics of Solids	Major based Breadth	2	2	2	4
Total				10	9	10	18
Grand Total				10 + 09 = 19		10+ 18 = 28	



Course Distribution

4th Semester

Sr. No	Course Code	Subject	Nature	Credit Hours		Weekly Contact Hours	
				Theory	Practical	Theory	Practical
1	CT254	Transportation Engineering	Major based Breadth	2	2	2	4
2	CT264	Water Supply and Waste Water Management	Major based Breadth	2	2	2	4
3	CM214	Environmental Management	Management Sciences	2	2	2	4
4	CT273	Theory of Structures	Major based Depth	2	1	2	2
5	CM221	Occupational Health and Safety Management	Management Sciences	1	0	1	0
6	CH212	Technical Communication	(Humanities / English)	2	0	2	0
Total				11	7	11	14
Grand Total				11 + 07 = 18		11 + 14 = 25	



Course Distribution

5th Semester

Sr. No	Course Code	Subject	Nature	Credit Hours		Weekly Contact Hours	
				Theory	Practical	Theory	Practical
1	CT314	Hydrology	Major based Breadth	2	2	2	4
2	CT324	Reinforced Concrete Structures	Major based Breadth	2	2	2	4
3	CT333	Construction and Hydraulic Machinery	Major based Depth	2	1	2	2
4	CT344	Computer Aided Building Modeling and Design	Major based Depth	1	3	1	6
5	CT353	Foundations Engineering	Major based Depth	2	1	2	2
Total				9	9	9	18
Grand Total				09 + 09 = 18		09+ 18 = 27	



Course Distribution

6th Semester

Sr. No	Course Code	Subject	Nature	Credit Hours		Weekly Contact Hours	
				Theory	Practical	Theory	Practical
1	CT363	Pre-stressed & Precast concrete	Major based Depth	2	1	2	2
2	CT373	Geology & Earthquake Engineering	Major based Depth	2	1	2	2
3	CT383	Irrigation and Hydraulic Structures	Major based Depth	2	1	2	2
4	CT393	Steel Structures	Major based Depth	2	1	2	2
5	CM313	Project Management	Management Sciences	2	1	2	2
6	CT3103	Project	Major based Depth	0	3	0	6
Total				10	8	10	16
Grand Total				10 + 08= 18		10 +16=26	



Course Distribution

7th Semester

Sr. No	Course Code	Subject	Credit Hours		Weekly Contact Hours	
			Theory	Practical	Theory	Practical
1	CT41X	Professional Supervised Field Training	0	16	0	32
Total			0	16	0	32
Grand Total			00 + 16 = 16		00 + 32 = 32	



Course Distribution

8th Semester

Sr. No	Course Code	Subject	Credit Hours		Weekly Contact Hours	
			Theory	Practical	Theory	Practical
1	CT41X	Professional Supervised Field Training	0	16	0	32
Total			0	16	0	32
Grand Total			00+16=16		00+32=32	