

UNIVERSITY OF TECHNOLOGY NOWSHERA (SHUHADA-E-APS, UOT)

DEPARTMENT OF CIVIL TECHNOLOGY

Scheme of Studies (Batch-VIII and Onwards)

		×	1 st Semester					
S/N	Course	Subject	Nature	Credit Hours		Contact Hours		
3/IN	Code		Nature	Theory	Practical	Theory	Practical	
1	CH-112	Islamic Studies/Professional Ethics	Humanities	2	0	2	0	
2	CS-113	Applied Mathematics-1	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					06	11	18	
		Grand Total	2 nd Semester	11+06=17		11+18=29		
S/N	Course Code	Subject	Nature	Credit Hours		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			
	3 rd Semester							
S/N	Course Code	Subject	Nature		t Hours		t Hours	
	Code	Introduction to Architecture and Town		Theory	Practical	Theory	Practical	
1	CT-212	Planning	Engineering Foundation	2	0	2	0	
2	CH-212	Pakistan Studies	Humanities	2	0	2	0	
3	CT-222	Quantity Surveying and Contract Documents	Engineering Foundation	1	1	1	3	
4	CT-234	Soil Mechanics	Major Based Breadth	2	2	2	6	
5	CT-243	Fluid Mechanics	Major Based Breadth	2	1	2	3	
6	CT-254	Mechanics of Solids	Major Based Breadth	2	2	2	6	
		Total		11	06	11	18	
		Grand Total	11+06=17 11+18=29			18=29		
	C		4 th Semester	<u> </u>	4 11	C - 4	4 II	
S.N	Course Code	Subject	Nature	Theory	t Hours Practical	Contac Theory	t Hours Practical	
1	Code CT-264	Transportation Engineering	Major Based Breadth	1 neory 2	2	2		
1 2	CT-204	Transportation Engineering Water Supply & Waste Water	Major Based Breadth	2	1	2	6	
		Management	5				_	
3	CM-213	Environmental Management Theory of Structures	Management Sciences	2	1	2	3	
4 5	CT-284	Theory of Structures Technical Report Writing	Major Based Depth Humanities/English	2	2	2	6	
3	CH-223	1 0	Humannues/English	3 11	0 06	3	0	
Total Crond Total					06=17	11	18 18=29	
		Grand Total	5 th Semester	11+	00=17	11+.	10=47	
			Course					
	Course			Cradi	t Hours	Contor	of Hours	
S/N	Course	Subject	Nature		t Hours Practical		t Hours Practical	
	Code		Nature	Theory	t Hours Practical 1	Theory	Practical	
S/N 1 2		Subject Hydrology Reinforced Concrete Structures						



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Grand Total					6=16	0+64	0=640	
	·	Total	0	16	0	640		
1	CT- 4216	16 Weeks Supervised Industrial / Field Training (8x	5=40 hrs / Week)	0	16	0	40x16=6 40	
S/N	Course Code	Subject		Theory	ractical	Theory	Practical	
	8 th Semester Fourth Year				Credit Hours Contact Hours			
		Grand Total		0+1	6=16	0+64	0=640	
	4110	4116 Supervised Industrial / Field Training (8x5=40 hrs / Week) Total			16	0	640	
1	CT-	16 Weeks		0	16	0	40x16=6 40	
S.N	Course Code	Subject		Credit Theory	t Hours Practical	Contac Theory	t Hours Practical	
		7 th Ser	nester Fourth Year	• •				
	0100	Grand Total			0+03=03		0+09=09	
1	CT- 3103	Project (Continue)		0	3	0	9	
S/N	Course Code	Subject		Theory	t Hours Practical	Theory	et Hours Practical	
	a	6 th Semester Thir	<mark>d Year Summer Project V</mark>		4 11		-4 TI	
		Grand Total	06+06=12 06+18=24					
Total					06	06	18	
4	CT-393	Project	Major Based Depth	0	3	0	9	
3	CT-383	Steel Structures	Major Based Depth	2	1	2	3	
2	CT-373	Irrigation and Hydraulic Structures	Major Based Depth	2	1	2	3	
1	CT-363	Engineering Geology	Major Based Depth	2	1	2	3	
S/N	Course Code	Subject	Nature	Credit Theory	t Hours Practical	Contac Theory	ct Hours Practical	
			6 th Semester					
Grand Total					07=18		21=32	
		Total		11	07	11	21	
6	CM-312	Project Management	Management Science	2	0	2	0	
5	CT-354	Foundations Engineering	Major Based Depth	2	2	2	6	
4	CT-343	Computer Aided Building modelling and Design	Major Based Depth	1	2	1	6	
3	CT-333	Construction and Hydraulic Machinery	Major Based Depth	2	1	2	3	