

1 st Semester			
Course Code	S u b j e c t	Credit Hours	
		Th	Pr
CE-103	Construction Materials	2	1
CE-105	Civil Engineering Drawing	1	2
Phy-122	Basic Mechanics	2	1
MA-111	Applied Mathematics-I	3	0
EE-198	Basic Electrical Technology	1	1
MinE-170	Basic Engineering Geology	2	0
QT-101	Translation of the Holy Quran-I	1	0
2 nd Semester			
Course Code	S u b j e c t	Credit Hours	
		Th	Pr
CE-101	Elementary Surveying	3	1
CE-102	Computer Programming	2	1
HU-101	Communication Skills	0	1
IS/Hu-101	Islamic & Pak Studies/ Ethics	3	0
MA-112	Applied Mathematics-II	3	0
ME-119	Basic Mechanical Technology	1	0
ME-100L	Workshop Practice	0	1
3 rd Semester			
Course Code	S u b j e c t	Credit Hours	
		Th	Pr
CE-201	Surveying and GIS-RS Applications	3	1
CE-212	Mechanics of Materials	3	1
CE-231	Fluid Mechanics-I	3	1
IS/HU-201	Islamic & Pak Studies/Ethics	3	0
MA-240	Numerical Analysis	2	1
4 th Semester			
Course Code	S u b j e c t	Credit Hours	
		Th	Pr
CE-205	Civil Engineering Construction & Graphics	2	1
CE-207	Engineering Economy and Construction Management	3	1
CE-211	Elementary Structural Analysis	3	0
CE-221	Geotechnical Engineering-I	3	1
ATP-201	Introduction to Architecture and Town Planning	2	0
QT-201	Tranlsation of the Holy Quran-II	1	0
5 th Semester			
Course Code	S u b j e c t	Credit Hours	
		Th	Pr
Mgt-317	Project Management in Engineering	2	0
CE-311	Structural Analysis	2	0
CE-313	Steel Structures	3	1
CE-321	Geotechnical Engineering-II	3	1
CE-332	Hydrology and Water Resources Management	2	1
HU-300	Technical Report Writing	0	1

QT-301	Translation of the Holy Quran-III	1	0
6 th Semester			
Course Code	S u b j e c t	Credit Hours	
		Th	Pr
CE-312	Structural Mechanics	3	1
CE-314	Plain & Reinforced Concrete-I	3	1
CE-331	Fluid Mechanics-II	3	1
CE-305	Hazards and Disaster Management	2	0
MA-356	Probability and Statistics in Engineering	2	0
Mgt-319	Entrepreneurship for Engineers	1	0
CE-306	Professional Ethics	1	0
7 th Semester			
Course Code	S u b j e c t	Credit Hours	
		Th	Pr
CE-412	Structural Engineering	3	1
CE-411	Plain & Reinforced Concrete-II	3	1
CE-421	Transportation Engineering	3	1
CE-434	Hydraulic Engineering	3	1
CE-499	Project	0	3
8 th Semester			
Course Code	S u b j e c t	Credit Hours	
		Th	Pr
CE-431	Irrigation Engineering	3	1
CE-413	Design of Structures	2	1
CE-423	Pavement & Foundation Engineering	3	0
ENE-440	Environmental Engineering	3	1
QT-401	Translation of the Holy Quran-IV	1	0
CE-499	Project	0	3