

COURSE STRUCTURE OF CIVIL ENGINEERING

Year = I		Semester = I	Credit
S. N.	Course Code	Subject	
1	MATH SH 101	Math 1: Calculus and Linear Algebra	3
2	ME 101	Thermodynamics and Heat Transfer	3
3	SH 103	Engineering Chemistry	3
4	CT101	Computer Programming	3
5	ME 102	Engineering Drawing-I	1
6	ME 103	Workshop Engineering	1
7	SH 102	English Proficiency	3
Total			17

Year = I		Semester = II	Credit
S. N.	Course Code	Subject	
1	SH 104	Math 2: Advanced Calculus	3
2	SH 105	Math 3: Trigonometry and Analytical Geometry	3
3	EX 101 & EE	Fundamentals of Electrical and Electronics Engineering	3
4	ME 104	Engineering Drawing II	1
5	SH 106	Engineering Physics	4
6	CE 101	Applied Mechanics	4
7	CE 102	Civil Engineering Materials	2
Total			20

Year = II		Semester = III	Credit
S. N.	Course Code	Subject	
1	SH107	Math 4: Differential Equations	2
2	CE103	Strength of Materials	3
3	CE104	Fluid Mechanics	4
4	CE105	Surveying I	3
5	SH108	Probability and Statistics	3
6	CE106	Building Technology	2
7	CE107	Engineering Geology	3
Total			20

Year = II		Semester = IV	Credit
S. N.	Course Code	Subject	
1	CT102	Numerical Methods	3
2	CE108	Surveying II	3
3	CE109	Building Drawing	1
4	CE110	Hydraulics	4
5	CE111	Soil Mechanics	4
6	CE112	Structural Analysis-I	3
Total			18

Year = III		Semester = V	Credit
S. N.	Course Code	Subject	
1	CE113	Structural Analysis-II	4
2	CE114	Timber and Bamboo Structures	3
3	CE115	Water Supply Engineering	3
4	CE116	Concrete Technology and Masonry Structures	3
5	CE117	Foundation Engineering	3
6	CE118	Engineering Hydrology	3
7	MNGMT101	Engineering Economics	3
Total			22

Year = III		Semester = VI	Credit
S. N.	Course Code	Subject	
1	CE119	Design of Steel Structures	3
2	CE120	Sanitary Engineering	3
3	CE121	Transportation Engineering-I	3
4	CE122	Irrigation and Drainage Engineering	4
5	CE123	Construction Project Management	3
6	CE124	Estimating and Costing	3
7	-	Elective I	3
Total			22

Year = IV		Semester = VII	Credit
S. N.	Course Code	Subject	
1	CE125	Hydropower Engineering	4
2	CE126	Transportation Engineering II	3
3	CE127	Design of R.C.C. Structures	4
4	-	Elective II	3
5	CE128	Professional and Social Engineering	3
6	-	Civil Engineering Project-I	2
7	-	Elective III	3
Total			22

Year = IV		Semester = VIII	Credit
S. N.	Course Code	Subject	
1	-	Project-II	4
2	-	Internship	6
Total			10