

SAMPLE PATH OF COURSE FOR DIPLOMA IN CIVIL ENGINEERING

TERM	Sl. No	Course Code	Course Name	Study Scheme			Evaluation Scheme									Credit	
				Pre-requisite	Contact Hours / Week			Theory					Practical				
					Lectures	Tutorials	Practicals	End Exam	Progressive Assessment			Theory TOTAL	End Exam	Progressive Assessment			Practical TOTAL
									Class Test	Assignment	Attendance			Sessional	Viva voce		
Term I	1	G101	Communication Skill-I		2	0	2	70	15	10	5	100	-	15	10	25	3
	2	G103	Mathematics-I		4	1	0	70	15	10	5	100	-	-	-	0	5
	3	G106	Physics - I		2	0	2	70	15	10	5	100	25	15	10	50	3
	4	G108	Chemistry - I		2	0	2	70	15	10	5	100	25	15	10	50	3
	5	G201	Engineering Drawing – I		1	0	4	-	-	-	-	0	25	25	-	50	3
	6	G203	Workshop Practice - I		0	0	4	-	-	-	-	0	-	25	25	50	2
	7	G205A	Introduction to Information Technology		2	0	3	50	15	10	0	75	25	25	-	50	4
	TOTAL				13	1	17	330	75	50	20	475	100	120	55	275	23
Term II	1	G102	Communication Skill-II	G101	2	0	2	70	15	10	5	100	-	15	10	25	3
	2	G104	Mathematics-II	G103	4	1	0	70	15	10	5	100	-	-	-	0	5
	3	G107	Physics - II	G105	2	0	2	70	15	10	5	100	25	15	10	50	3
	4	G109	Chemistry - II	G107	2	0	2	70	15	10	5	100	25	15	10	50	3
	5	G202	Engineering Drawing – II	G201	1	0	4	-	-	-	-	0	25	25	-	50	3
	6	G204	Workshop Practice - II	G203	0	0	4	-	-	-	-	0	-	25	25	50	2
	7	G206	Engineering Mechanics	G105 G106	3	0	2	70	15	10	5	100	0	50	-	50	4
	8	G301	Development of Life Skill-I		1	0	2	-	0	0	0	0	-	25	25	50	2
	9	CE512	Professional Practices - I		0	0	2	-	-	-	-	0	-	50	-	50	1
TOTAL				15	1	20	350	75	50	25	500	75	220	80	375	26	
Term III	1	CE401	Mechanics of Material	G206A	3	0	2	70	15	10	5	100	0	50	0	50	4
	2	CE402	Civil Engg. Drawing I	G201 G202	1	0	3	0	0	0	0	0	50	25	25	100	3
	3	CE404	Surveying I	NIL	3	0	4	70	15	10	5	100	25	25	0	50	5
	4	CE405	Building Construction	NIL	3	1	0	70	15	10	5	100	0	0	0	0	4
	5	CE406	Concrete Technology	NIL	3	0	2	70	15	10	5	100	25	25	0	50	4
	6	G105	Applied Mathematics	G103 G104	3	1	0	70	15	10	5	100	0	0	0	0	4
	7	G302	Development of Life Skill-II	NIL	1	0	2	0	0	0	0	0	0	25	25	50	2
	8	CE513	Professional Practices – II		0	0	2	0	0	0	0	0	0	50	0	50	1
TOTAL				17	2	15	350	75	50	25	500	100	200	50	350	27	
Term IV	1	G303	Engineering Economics & Accountancy		3	0	0	70	15	10	5	100	0	0	0	0	3
	2	CE403	Civil Engg. Drawing II	CE402	1	0	3	0	0	0	0	0	50	25	25	100	3
	3	CE503	Surveying II	CE404	3	0	3	70	15	10	5	100	25	25	0	50	4
	4	CE407	Hydraulics	NIL	3	0	2	70	15	10	5	100	25	25	0	50	4
	5	CE409	Theory of Structures	CE401	3	0	0	70	15	10	5	100	0	0	0	0	3
	6	CE504	Estimating - I		2	0	4	70	15	10	5	100	0	25	0	25	4
	7	CE508	Computer Aided Drawing	CE402	0	0	3	0	0	0	0	0	0	50	0	50	2
	8	CE408	CE Workshop		0	0	3	0	0	0	0	0	0	75	0	75	2
	9	CE514	Proffesional Practice-III		0	0	2	0	0	0	0	0	0	50	0	50	1
TOTAL				15	0	20	350	75	50	25	500	100	275	25	400	26	
Term V	1	G304	Entrepreneurship Development		3	0	0	70	15	10	5	100	0	0	0	0	3
	2	CE509	Water Supply & Sanitary Engineering	CE406	3	0	2	70	15	10	5	100	25	25	0	50	4
	3	CE505	Estimating - II	CE504	2	0	4	70	15	10	5	100	0	25	0	25	4
	4	CE501	Design & Detailing – I	CE405	3	0	2	70	15	10	5	100	25	25	0	50	4
	5	CE506	Geo-Technical Engineering -I	CE401	3	0	2	70	15	10	5	100	25	25	0	50	4
	6	CE510	Highway Engg.		3	0	2	70	15	10	5	100	25	25	0	50	4
	7	CE515	Proffesional Practice-IV		0	0	2	0	0	0	0	0	0	50	0	50	1
TOTAL				17	0	14	420	90	60	30	600	100	175	0	275	24	
Term VI	1	CE511	Irrigation Engineering	CE406	3	0	0	70	15	10	5	100	0	0	0	0	3
	2	CE507	Geo-Technical Engineering II	CE506	3	1	0	70	15	10	5	100	0	0	0	0	4
	3	CE502	Design & Detailing II	CE501	3	0	2	70	15	10	5	100	0	50	0	50	4
	4	CEXX1	Elective I		3	1	0	70	15	10	5	100	0	0	0	0	4
	5	CEXX2	Elective-II		3	1	0	70	15	10	5	100	0	0	0	0	4
	6	CE517	Project		0	0	6	0	0	0	0	0	0	100	50	150	3
	7	CE516	Professional Practices – V		0	0	4	0	0	0	0	0	0	50	0	50	2
TOTAL				15	3	12	350	75	50	25	500	0	200	50	250	24	

ELECTIVES COURSES : CE

Any TWO To be taken

ELECTIVES	1	CE601	Earthquake Resistant Design & Construction		3	1	0	70	15	10	5	100				0	4
	2	CE602	Environmental Engineering	XX1	3	1	0	70	15	10	5	100				0	4
	3	CE603	Tunnels & Bridges		3	1	0	70	15	10	5	100				0	4
	4	CE604	Advanced Survey		3	1	0	70	15	10	5	100				0	4
	5	CE605	Transportation Engineering	XX2	3	1	0	70	15	10	5	100				0	4
	6	CE606	Advanced Construction Technology		3	1	0	70	15	10	5	100				0	4
			TOTAL of TWO Courses		6	2	0	140	30	20	10	200				0	8