

TABLE 2: COURSE DISTRIBUTION PER SEMESTER

A/A	Course Type	Course Name	Course Code	Periods per week	Period duration	Number of weeks/ Academic semester	Total hours/ Academic semester	Number of ECTS
A' Semester								
1.	Compulsory	Engineering Mechanics	CEE 101	2 1	1.5hr 1 hr (Tutor.)	13 13	39 13	5
2.	Compulsory	Mathematics for Engineers I	MAS 025	2 1	1.5 hr 1 hr (Tutor.)	13 13	39 13	5
3.	Compulsory	Elements for Linear Algebra	MAS 029	2 1	1.5 hr 1 hr (Tutor.)	13 13	39 13	5
4.	Compulsory	Physics for Engineers	PHY 134	2	1.5 hr	13	39	5
5.	Compulsory	Introduction to Programming for Engineers	CS 033	2 1	1.5 hr 2 hr (Lab)	13 13	39 26	5
6.	Compulsory	General Advanced English	LAN 100	2	1.5 hr	13	39	5



A/A	Course Type	Course Name	Course Code	Periods per week	Period duration	Number of weeks/ Academic semester	Total hours/ Academic semester	Number of ECTS
B' Semester								
1.	Compulsory	Computer-aided Technical Drawing	ARH 123	1	3 hr	14	42	5
2.	Compulsory	Land Surveying	CEE 113	2 1	1.5 hr 1.5 hr (Lab)	14 7**	42 10.5	5
3.	Compulsory	Structural Analysis I	CEE 121	2 1	1.5 hr 2 hr (Tutor.)	14 14	42 28	5
4.	Compulsory	Mathematics for Engineers II	MAS 026	2 1	1.5 hr 1 hr (Tutor.)	14 14	42 14	5
5.	Compulsory	English for Technical Purposes	LAN 104	2	1.5 hr	14	42	5
6.	Compulsory	Introduction to Probabilities and Statistics	MAS 030	2 1	1.5 hr 1 hr (Tutor.)	14 14	42 14	5

A/A	Course Type	Course Name	Course Code	Periods per week	Period duration	Number of weeks/ Academic semester	Total hours/ Academic semester	Number of ECTS
C' Semester								
1.	Compulsory	Structural Analysis II	CEE 220	2 1	1.5 hr 2 hr (Tutor.)	13 13	39 26	5
2.	Compulsory	Strength of Materials	CEE 230	2 1	1.5hr 1 hr (Tutor.)	13 13	39 13	5
3.	Compulsory	Strength of Materials - Laboratory	CEE 232	1	3 hr	7**	21	2.5
4.	Compulsory	Fluid Mechanics for CEE	CEE 270	2	1.5 hr	13	39	5
5.	Compulsory	Fluid Mechanics Laboratory	CEE 272	1	3 hr	7**	21	2.5
6.	Compulsory	Mathematics for Engineers III	MAS 027	2	1.5 hr 1 hr (Tutor.)	13	39 13	5
7.	Elective	Elective Course	XXX xxx	2	1.5 hr	13	39	5

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D' Semester								
1.	Compulsory	Numerical Methods in Engineering	CEE 201	2	1.5 hr	14	42	5
2.	Compulsory	Matrix Structural Analysis	CEE 221	2	1.5 hr	14	42	5
3.	Compulsory	Construction Materials	CEE 231	2 1	1.5hr 1 hr (Tutor.)	14 14	42 14	5
4.	Compulsory	Construction Materials - Laboratory	CEE 233	1	2 hr	7**	14	2.5
5.	Compulsory	Soil Mechanics	CEE 251	2 1	1.5hr 1 hr (Tutor.)	14 14	42 14	5
6.	Compulsory	Soil Mechanics Laboratory	CEE 253	1	2 hr	7**	14	2.5
7.	Elective	Elective Course	XXX xxx	2	1.5 hr	14	42	5



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E' Semester								
1.	Compulsory	Construction Management I	CEE 310	2 1	1.5hr 1 hr (Tutor.)	13 13	39 13	5
2.	Compulsory	Dynamics of Structures	CEE 320	2 1	1.5hr 1 hr (Tutor.)	13 13	39 26	5
3.	Compulsory	Design of Reinforced Concrete Members	CEE 340	2 1	1.5hr 1 hr (Tutor.)	13 13	39 13	5
4.	Compulsory	Design of Steel Structures	CEE 342	2 1	1.5hr 1 hr (Tutor.)	13 13	39 13	5
5.	Compulsory	Hydraulics	CEE 370	2	1.5 hr	13	39	5
6.	Compulsory	Introduction to Environmental Engineering	CEE 381	2	1.5 hr	13	39	5



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F' Semester								
1.	Compulsory	Building Technology	ARH 331	1	3 hr	14	42	5
2.	Compulsory	Computer-Aided Structural Analysis	CEE 325	2	1.5 hr	14	42	5
3.	Compulsory	Design of Reinforced Concrete Structures	CEE 341	2 1	1.5hr 1 hr (Tutor.)	14 14	42 14	5
4.	Compulsory	Foundation Engineering	CEE 353	2 1	1.5hr 1 hr (Tutor.)	14 14	42 14	5
5.	Compulsory	Hydrology	CEE 371	2	1.5 hr	14	42	5
6.	Compulsory	Environmental Impact Assessment	CEE 383	2	1.5 hr	14	42	5



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G' Semester								
1.	Compulsory	Earthquake Engineering	CEE 400	2	1.5 hr	13	39	5
2.	Compulsory	Transportation Engineering	CEE 460	2 1	1.5 hr 2hr (Tutor.)	13 13	39 26	5
3.	Compulsory	Thesis: Capstone Design Project I	CEE 490	2	1.5 hr 1hr (Tutor.)	13 13	39 13	5
4.	Elective	Restricted Elective Course	CEE xxx	2	1.5 hr 1hr(Tutor.)*	13 13	39 13	5
5.	Elective	Restricted Elective Course	CEE xxx	2	1.5 hr 1hr(Tutor.)*	13 13	39 13	5
6.	Elective	Restricted Elective Course	CEE xxx	2	1.5 hr 1hr(Tutor.)*	13 13	39 13	5



A/A	Course Type	Course Name	Course Code	Periods per week	Period duration	Number of weeks/ Academic semester	Total hours/ Academic semester	Number of ECTS
H' Semester								
1.	Compulsory	Road Design and Construction	CEE 461	2 1	1.5 hr 1 hr (Tutor.)	14 14	42 14	5
2.	Compulsory	Thesis: Capstone Design Project II	CEE 491	2	1.5 hr	14	42	5
3.	Elective	Restricted Elective Course	CEE xxx	2	1.5 hr 1hr(Tutor.)*	14 14	42 14	5
4.	Elective	Restricted Elective Course	CEE xxx	2	1.5 hr 1hr(Tutor.)*	14 14	42 14	5
5.	Elective	Restricted Elective Course	CEE xxx	2	1.5 hr 1hr(Tutor.)*	14 14	42 14	5
6.	Elective	Elective Course	XXX xxx	2	1.5 hr	14	42	5

* : Some restricted elective courses do not include a tutorial session.

** : Laboratory course in which the students are divided in groups and come to class once every two weeks.