

Code	Course Title	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11		
		Comprehend science and advanced mathematics subjects fundamental to engineering	Apply knowledge of mathematics, science, and engineering to design and implement original, innovative and sustainable civil engineering systems or processes to meet desired needs within a greater societal context	Act professionally and ethically	Appreciate cultural diversity, respect individual and cultural differences	Design and conduct experiments; analyze and interpret data	Identify, formulate, and solve engineering problems	Demonstrate effective oral and written professional skills in English	Practice good working habits, time management, and self-discipline	Display multidisciplinary teamwork skills	Engage in life-long learning to face the future challenges and to achieve an enduring professional development	Employ state-of-the-art engineering techniques and computing tools necessary for creative engineering solutions	ADDRESSED OBJECTIVE - COUNT	ADDRESSED OBJECTIVES - WEIGHT

1) DEPARTMENTAL - REQUIRED COURSES														
CE201	Engineering Graphics											2	1	2
CE203	Applied Mathematics for Engineers	2				1						2	3	5
CE211	Engineering Mechanics I		2				1						2	3
CE221	Materials Science		2			2	1	1				2	5	8
CE212	Engineering Mechanics II		2				1						2	3
CE214	Introduction to Mechanics of Materials		2				2						2	4
CE232	Fluid Mechanics		2				2						2	4
CE311	Structural Analysis		1				2					2	3	5
CE331	Hydromechanics		2			2	2	1					4	7
CE341	Soil Mechanics		2			2	2	1					4	7
CE312	Fundamentals of Steel Design		2				2					1	3	5
CE314	Reinforced Concrete Fundamentals		2				2					1	3	5
CE332	Water Resources Engineering		2				2					1	3	5
CE342	Foundation Engineering I		2				2					1	3	5
CE399	Summer Practice I			1	1		1	2	1				5	6
CE451	Construction Engineering and Management			2	2						1		3	5
CE410	Civil Engineering Design I			1				2	1	2	2		5	8
CE499	Summer Practice II			1	1		2	2	1				5	7

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2) DEPARTMENTAL - ELECTIVE COURSES (ONLY ONE FROM EACH GROUP)														
CE 411	Reinforced Concrete Structures													
CE 412	Steel Structures													
CE 414	Introduction to Earthquake Resistant Design						2			1	2	1	4	6
CE 431	Design of Hydraulic Structures													
CE 432	Water Supply Engineering Design													
CE 434	Coastal Engineering													
CE 442	Foundation Engineering 2						2				2	1	3	5
CE 461	Principles of Transportation and Traffic Engineering													
CE 452	Practical Aspects of Construction Management													
CE 454	Legal Aspects in Construction Works			2					1		1		3	4
3) CC, UC, FC, ME, FE COURSES														
CC Science		2				2							2	4
CC Social					2			1					2	6
CMPE 101											1		1	1
PHYS 101		2				2							2	4
ENG 101					1			2					2	3
ENG 102					1			2					2	3
MATH 101		2											1	2
MATH 102		2											1	2
MATH 230		1				1							2	2
University Common				2	2				1		1		4	6
Faculty Common		2										1	2	3
Minor Elective					2			1		1	1		4	25
Free Elective					1			1					2	6
NUMBER OF COURSE ADDRESSING THE PO		7	12	6	16	7	16	18	5	7	11	12		
TOTAL WEIGHT OF PO		13	23	9	25	12	28	23	5	8	14	16		

* "1" corresponds to 50% emphasis.

** "2" corresponds to 100% emphasis.