

Construction Engineering Emphasis within Civil Engineering Course Recommendations

First Semester

(3) CE 400 CE Materials (Engl 402; Math/Stat 360 /370 or c//)
OR CE 414 Structural Design Lab (spring)^{5,7}
(3) CstM 462 Planning & Scheduling
(3) CE 433 Reinforced Concrete Des. (CE 330)^{5,7}
(3) CstM 466 Heavy/Civil Estimating
(3) CE 425 Soil and Site Improvement (CE 317) OR CE 436
Design of Timber Structures (CE 330) OR CE 476 Pavement
Management and Rehabilitation^{5,7}
(1) CE 466 FE Exam Review

(16) Total Hours

Second Semester

(3) CstM 356 Sub-Structures
(3) CE 465 Integrated C E Des [M] [CAPS] ^{6*}
(1) CE 480 Ethics & Professionalism [M]⁷
(3) CE 431 Structural Steel Design (CE 330) OR CE 473
Pavement Design (CE 317; c// in CE 322) OR CE 435
Foundations (CE 317) ^{5,7}
(3) CE 463 Engineering Administration
(3) Humanities [HUM]

(16) Total Hours