

Approved CET Electives 2019-2020

CET Program Options:

1. Construction Management:
 - CET 365 Building Information Modeling (BIM)
 - CET 445 Construction Planning and Scheduling
 - CET 460 Construction Cost Estimates
 - CET 465 Construction Project Management
 - CET 468 Construction Finance
 - CET 470 Infrastructure, Heavy Highway and Equipment

2. Structural Design:
 - CET 400 Computer Applications in Structural Design**
 - CET 405 Environmental Loads
 - CET 410 Reinforced Concrete Design**
 - CET 415 Design of Structural Systems
 - CET 435 Design of Reinforced Concrete Foundations
 - CET 450 Structural Steel**
 - CET 452 Wood Design
 - CET 485 Bridge Design

** Effective fall 13, CET students may choose between CET 450 and CET 410. However, structural design students are required to take both courses. Also, CET 400 becomes an elective for structural design students. All students prior to fall 13 are required to take CET 400, CET 410 and CET 450. Other structural electives may be acceptable.

3. Site Development:
 - CET 325 Introduction to Land Development
 - CET 332 Water Resources Engineering
 - CET 334 Computer Applications in Hydraulic Engineering
 - CET 408 Hydraulic Engineering
 - CET 420 Hydrology and Drainage
 - CET 428 Buried Infrastructures

Additional Notes:

- Students interested in taking Fundamentals of Engineering (FE) examination are encouraged to take MET 300 Thermodynamics, EET 350 Fundamentals of Electrical Engineering, and MET 310 Dynamics
- Declaring a concentration is not mandatory. However, if you declare a concentration, then you must take at least 3 courses in that area. Alternatively, you may take all courses in the chosen area.