Approved CET Electives
2018-2019

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. 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.