CIVIL ENGINEERING
LEVEL I & LEVEL II ELECTIVES BY AREAS OF SPECIALIZATION

STRUCTURAL ENGINEERING

- C E 331 Reinforced Concrete Design
  PREREQ: C E 329
- C E 335 Elements of Steel Design
  PREREQ: C E 324P
- C E 363 Advanced Structural Analysis
  PREREQ: C E 329
- ARE 362L Structural Design in Wood
  COREQ: M 427J
  Offered in fall of ODD years

MATERIALS ENGINEERING

- C E 351 Concrete Materials
  COREQ: C E 324P
- C E 366K Design of Bituminous Mixtures
  COREQ: C E 321

INFRASTRUCTURE MATERIALS ENGINEERING

- C E 342 Water/Wastewater Treatment Engr
  COREQ: C E 341
- C E 369L Air Pollution Engineering
  COREQ: C E 341
  Offered in fall of EVEN years
- C E 369R Indoor Air Quality
  COREQ: C E 311K, ARE 346N
  Not offered until Spring 2019
- C E 364 Design of Wastewater & Water Trtmnt Facilities
  COREQ: C E 356, C E 342
  Offered in spring of EVEN years
- C E 362N Advanced Steel Design
  COREQ: C E 331
  Offered in spring of ODD years

ENVIROMENTAL ENGINEERING

- C E 367T Traffic Engineering
  COREQ: C E 323
- C E 367P Pavement Design & Performance
  COREQ: C E 324P
  Offered in fall of EVEN years
- C E 367G Dsgn & Eval of Ground Based Trans Systems
  COREQ: C E 321
  Offered in fall of ODD years

GEOTECHNICAL ENGINEERING

- C E 375 Earth Slopes & Retaining Structrs
  COREQ: C E 357
- C E 360K Foundation Engineering
  COREQ: C E 357

CONSTRUCTION ENGINEERING AND PROJECT MANAGEMENT

- ARE 335 Mts & Methods of Bldg Construction
  COREQ: C E 324P, ARE 335
  Offered in fall of ODD years
- ARE 366 Contracts, Liabilities & Ethics
  COREQ: ARE 323K

WATER RESOURCES ENGINEERING

- C E 358 Introductory Ocean Engineering
  COREQ: C E 319F
- C E 374L Groundwater Hydraulics
  COREQ: C E 356
- C E 374K Hydrology
  COREQ: C E 311S, C E 356
- C E 365K Hydraulic Engineering Design
  COREQ: C E 356

KEY

- COURSE #: Course Title
- PREREQ: PRE REQ
- COREQ: COREQ
- F = FALL ONLY
- S = SPRING ONLY
- SU = SUMMER ONLY
- * = Special Timeline

NOTE: semester offered subject to change

Updated 10.16 SES