Basic Program
Pre-Requisite
Total Credits (125.5)

Construction Engineering PREREQUISITE CHART
Mechanical Emphasis = 125.5 Credits
Catalog 2009-2011

Freshman
- *Engl. 150 (3)
- ConE 121 (1) Learning Comm
- *Lib 160 (0.5)
- CE 111 (3) Surveying
- *Engl. 250 (3)
- E M 378 (3) Mech of Fluids
- EM 324 (3) Mech of Matls
- CE 332 (3) Struc Anlysis I

Sophomore
- *Chemistry 167 (4) H.S. Prep or Math 140
- *Physics 221 (5) Enrollment in Math 166
- EE 442 (2) Circ, Inst & Elec
- Stat 105 (3) Stat for Engineers
- EE 448 (2) Circuits and Systems

Junior
- *Math 165 (4) C- or Better
- *Math 166 (4) C- or better
- ME 231 (3) Engr Thermo
- Con E 241 (3) Constr. Mat & Meth
- Law Elective (3) (Junior Classification)
- ME 436 (4)*** Heat Transfer
- ME 441 (3) Fund of HVAC
- ME 442 (3) Htg & AC Design
- Con E 441 (3) Plng, Sched, Cntrl
- Con E 442 (3) Estimating

Senior
- *CE 160 (3) Cs/Eurr in Math142 & 165
- *Engr. 101 (R)
- CE 170 (2) H.S. Prep or Math 142
- Con E 221 (4) Org & Mgmt
- Con E 251 (1) M/E Mat & Meth
- Con E 352 (3) Mech Sys f/Bldgs
- Con E 353 (2) Elec Sys for Bldgs
- Con E 421 (3) (W/in 2 Semester of Graduation) Engr Design II

Electives
- Social Science and Humanities (12 Cr.)
  - ___ Psych 101, 230, 250 or 280 (3 Credits)
  - ___ Econ 101 or 102 (3 Credits)
  - ___ US Diversity ** (3 Credits)
  - ___International Perspective** (3 Credits)
  - *Denotes Basic Program course
  - **See Catalog or Matrix for Approved Courses

- Other Electives (12 Cr.)
  - ___ Law Elective (3 Credits)
    ConE 380 or Accounting 215
  - ___Business Communication (3 Credits)
    Engl 302, 309 or 314
  - ___ Business Elective: Accounting 284 (3 Credits)
  - ___Engineering Topics Elective** (2 Credits)
  - **See Catalog or Matrix for Approved Courses

***ME 436 Shows pre-req of EM 378 due to the department waiver of ME 335.

Revised 9/2010 af