Construction Engineering Prerequisite Chart
Mechanical Emphasis – 127 Credits
Catalog 2018 – 2019

Freshman

*Engr 101 *Orientation
*CE 160 (3) Prob Solving
*Math 165 (4) Calculus I (C- or better)
ConE 121 (1) Learning Community
*Chem 167 (4) General Chem. For Eng. (H.S. Prep or Math 143)
*Engl 150 (3) Crit. Think & Comm. (C or better)

CE 170 (2) Graphics
*Math 166(4) Calculus II (C- or better)
*Phys 221 (5) Physics I
ConE 122 (1) Learning Community
*Lib 160 (1) Inform. Literacy
*Engl 250 (3) WOVE Comp. (C or better)

CE 111 (3) Surveying
Math/Stat Elective (3)
SSH Elective (3)
Phys 222 (5) Physics II
ConE 222 (3) Org & Mgmt (must be basic program complete)

Sophomore

ConE 221 (5) Learning Community

Senior

Other Electives (9 CR)

__Math or Stat Elective (3)
Math 265 or 207 or Stat 415

__Law Elective (3)
ConE 380 or Acct 215

__Business Communication (3 CR)
Engl 302, 309, or 314

Engineering Topics (3 CR)
ConE 354 (3)
Any ME 300- or 400-level course
Any CE 500-level course (except CE 594A)
• CE 501 (3) (F only)
• CE 502 (3) (S only)
• CE 503 (3) (S only)
• CE 505 (3) (F only)
• CE 594L (3) (ss only)
• CE 594O (3) (S only)
• CE 594P (3) (S only)

ConE 353 (3)
ConE 352 (3) Mech Sys for Bldgs

Junior

SSH Elective (3) Psych 101/230/280 Or Soc 134
Stat 231 or 305 (3) Prob & Stat or Stat for Engineers
ME 231 (3) Engr Thermo
ConE 241 (3) Constr. Mat & Meth (must be basic program complete)

ConE 242 (3) Estimating

Electives

 ME 441 (3) Fund of HVAC (Fall Only)
***ME 436 (4) Heat Transfer
***(Middle/side) Engineering Topics Elective (3)
 ConE 441 (3) Plng, Sched, Cntrl
 ConE 442 (3) Estimating

ME 442 (3) Htg & AC Design (Spring Only)
SSH Elective (3) International Perspective**
ConE 487 (3) (w/in 2 Semesters of Graduation) Engr Design I
ConE 488 (3) (w/in 2 Semesters of Graduation) Engr Design II
Bus. Comm. Elective (3) (Jr. Class. & C or Better)

*Denotes Basic Program course
**See Catalog or Matrix for Approved Courses
***ME 436 shows pre-req of EM 378 due to the department waive of ME 335