Construction Engineering PREREQUISITE CHART
Mechanical Emphasis = 127 Credits
Catalog 2012-2013

Pre-Requisite
Co-Requisite

Freshman

*Engl. 150 (3)
ConE 121 (1) Learning Comm

*Lib 160 (1)

ConE 122 (1) Learning Comm

CE 111 (3) Surveying

*Engl. 250 (3)

Sophomore

Physics 222 (5)
EM 274 (3) Statics

Math 267 (4)

Math 265 (4)

Math Elective (3 Credits)

Junior

EM 378 (3) Mech of Fluids

EM 324 (3) Mech of Matls

EE 442 (2) Circ, Inst & Elec

EE 448 (2) Circuits and Systems

ME 436 (4)**
ME 441 (3) Fund of HVAC

ME 442 (3) Htg & AC Design

ME 444 (3)

ME 487 (3)
(w/in 2 Semester of Graduation)
Engr Design I

ME 488 (3)
(w/in 2 Semester of Graduation)
Engr Design II

Senior

ME 231 (3) Engr Thermo

Law Elective (3) (Junior Classification)

Con E 441 (3)
Plng, Sched, Ctrl

Con E 442 (3) Estimating

Con E 443 (3)

Con E 487 (3)
(w/in 2 Semester of Graduation)
Engr Design I

Con E 488 (3)
(w/in 2 Semester of Graduation)
Engr Design II

Social Science and Humanities (12 Cr.)

___ Psych 101, 230, 250 or 280 or Soc 134 (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

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

Other Electives (12 Cr.)

___ Law Elective (3 Credits)
ConE 380 or Accounting 215

___ Business Communication (3 Credits)
Engl 302, 309 or 314

___ Business Elective:
IE 305 Engineering Economic Analysis (3 cr)

___ Engineering Topics Electives** (2 Credits)

Revised 5/12 af