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

**Freshman**
- *Engr 101 (R) 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)

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

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

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**Senior**
- EM 274 (3) Statics
- Math 267 (4) Diff. Eq w/ Laplace
- IE 305 (3) Eng. Econ. Analysis
- ConE 241 (3) Constr. Mat & Meth (must be basic program complete)
- ConE 251 (1) M/E Mat & Meth

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**Electives**
- ConE 340 (3) Conc & Steel
- ConE 342 (3) Equip & Hvy Meth
- ConE 441 (3) Prgng, Sched, Ctrl

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**Engineering Topics (3 CR)**
- CE 326 (3) ConE 490 (1-3)
- CE 372 (4) EM 345 (3)
- CE 446 (3) EE 314 (3)
- CE 448 (3) MatE 273 (3)
- CE 460 (3) Geol 201 (3) Fall only
- ConE 354 (3)
- ConE 381 (1) & ConE 481A (1) Fall only

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**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)
  - Engl 302, 309, or 314

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*Denotes Basic Program course
**See Catalog or Matrix for Approved Courses

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3/2018 af