

1 Fall	1 Spring	2 Fall	2 Spring	3 Fall	3 Spring	4 Fall	4 Spring
ConE 121 (1) Learning Community	ConE 122 (1) Learning Community	ConE 222 (3) Contr Org & Mgmt of Constr	ConE 241 (3) Constr Mat & Meth	ConE 352 (3) Mech Sys in Bldgs	ConE 340 <sup>4</sup> (3) Concr & Steel Constr	ConE 422 <sup>4</sup> (3) Constr Estimating & Cost Engr	ConE 487 (3) Constr Engrg Design I
*CE 160 (3) Eng Prob w/Comp Lab	CE 170 (2) Graphics for Civil Engineers	CE 111 (3) Fund of Surveying I	ConE 251 (1) M/E Materials and Methods	ConE 353 (3) Elec Sys in Bldgs	ConE 322 <sup>4</sup> (3) Constr Equip & Hvy Constr Meth	ConE 441 <sup>4</sup> (3) Constr Plng, Sch & Cont	ConE 488 (3) Constr Engrg Design II
*Math 165 (4) Calculus I	*Math 166 (4) Calculus II	Math or Stat Elective <sup>2</sup> (3)	Math 267 (4) Elem Differential Eqn & Laplace	Statistics (3) 231 Prob & Stat for Engineers OR 305 Engr Statistics	Law Elective (3) ConE 380 or Acct 215	CE 383 (1) Dsgn of PtlnD Cem Concr	Bus Comm (3) Elective <sup>1</sup> Engr 302/309/314
*Chem 167 (4) Gen Chem for Eng Students	*Phys 221 (5) Intro to Classical Physics I	Phys 222 (5) Intro to Classical Physics II	EM 274 <sup>4</sup> (3) Engr Statics	EM 324 <sup>4</sup> (3) Mech of Matls	CE 360 <sup>4</sup> (3) Soils Engrg	CE 333 (3) Struc Dsgn Stl I	CE 334 (3) Reinf Concr Dsgn I
*Engl 150 <sup>1</sup> (3) Critical Thinking & Communication	*Engl 250 <sup>1</sup> (3) WOVE Communication	SSH Elective (3) Econ 101 or 102	IE 305 (3) Engineering Economic Analysis	EM 378 <sup>4</sup> (3) Mech of Fluids	CE 332 <sup>4</sup> (3) Struct Analysis I	Engr Topics (3) Elective <sup>3</sup>	SSH Elective (3) International Perspective
*Engr 101 (R) Engineering Orientation	*Lib 160 (1) Libr Instr			SSH Elective (3) Psych 101/230/280 Soc 134	EM 327 (1) Mech of Matls Lab	SSH Elective (3) US Diversity	
(15)	(16)	(17)	(14)	(18)	(16)	(16)	(15)

**Transfer Grade Requirements:**  
 The department requires a grade of C or better for any transfer credit course that is applied to the degree program.

**1) Minimum grade ENGL courses: C in each**

**\*Denotes Basic Program Course**

**2) Math or Statistics Elective**

Math 265 (4)  
 Math 207 (3)  
 Stat 415 (4)

**3) Engineering Topics Electives**

3 Credits Required for Building Emphasis

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

**4) Building Emphasis Core Courses**

Core Classes Require a MINIMUM Cumulative 2.00 GPA

- EM 274 (3)
- EM 324 (3)
- ConE 322 (3)
- EM 378 (3)
- CE 360 (3)
- ConE 422 (3)
- ConE 441 (3)
- CE 332 (3)
- ConE 340 (3)

**Total credits required, undergraduate program:**  
**Building Emphasis 127**