



Degree Progress Guide / Civil Engineering- Fall 2016 to Spring 2018

Suggested Semester	Course Code	Semester Completed
1 st semester	SCI 101	
	CIV 101	
	MTH 133	
	CSC 101	
	ENG 101	
2 nd semester	ENG 102	
	CIV 102	
	SCI 102	
3 rd semester	CIV 203	
4 th semester	CIV 204	
5 th semester	Core Option : Humanities, Social Science, or Math and Science	
6 th semester	ENG 213	
TOTAL/		37 Credits

Semester	Course Code	Credits	Semester Completed
2 nd	(MTH 232) Calculus I	4	
	(ENGR 230) Engineering Drawing	3	
	(PHYS 232) Calculus Based Physics	4	
3 rd	(CHEM 232) Chemistry I	4	
	(MTH 233) Calculus II	4	
	(PHYS 233) Calculus Based Physics II	4	
	(ENGR 244) Engineering Computing	3	
4 th	(ENGR 231) Fabrication Shop	2	
	(MTH 331) Calculus III	4	
	(GEO 248) Physical Geology	3	
	(ENGR 344) Mechanics I	3	
5 th	(MTH 332) Differential Equations and Linear Algebra	4	
	(ENGR 358) Mechanics of Materials	3	
	(ENGR 370) Surveying	2	
	(ENGR 348) Mechanics II (ENGR 373) Materials of Construction	4 3	
6 th	(ENGR 356) Fluids	4	
	(ENGR 313) Measurement Laboratory	2	
	(ENGR 390) Circuits	4	
	(ENGR 475) Soil Mechanics	3	
	(ENGR 444) Engineering Economics	3	
7 th	(ENGR 442) Engineering Statistics	3	
	(ENGR 471) Construction Engineering	3	
	(ENGR 473) Structural Analysis	3	
	(ENGR 491) Design I	3	
	(ENGR 476) Concrete Design (ENGR 477) Foundation Design	3 3	
8 th	(ENGR 484) Engineering Laboratory	3	
	(ENGR 492) Design II	2	
	(ENGR 474) Steel Design	3	
	(ENGR 490) Engineering Internship Engineering Elective	3 3	
9 th	(ENGR 493) Highway Engineering and Design	3	
	(ENGR 494) Water Supply and Sewerage	3	
	(ENGR 495) Water Resources Engineering	3	
	(ENGR 496) Urban Planning and Design Engineering Elective	3 3	
TOTAL/		115 Credits	

Engineering Electives are 300+ Engineering courses.