

Engineering Related Course Offerings and Prerequisites

(Not all classes are required for all engineering majors. See advising sheets.)

Revised 11/15/11

Course	Quarters Offered*				Prerequisite classes
	Su	F	W	Sp	
Biol& 221				D	Biol& 160 and Chem&161
Biol& 222		D			Biol& 160 and Chem&161
Biol& 223			D		Biol& 222 and Chem& 162
Chem& 161		DN	N	X	Math& 141 and high school chemistry or Chem& 110 and Chem& 121 (Note: If an A or A- in 110 and permission, don't need 121)
Chem& 162			D	N	Chem& 161
Chem& 163	D			D	Chem& 162
Chem& 261		D			Chem& 163
Chem& 262			D		Chem& 261
CS 142		D	D	?	Math& 141
CS 143				D	CS 142 with grade of C or higher
Engr& 104	D ¹	D	D	D	Engl 95, and Read 95 with C or higher and Math 90 with C- or higher or college level reading, writing and math assessment
Engr& 114		H	H		Engl 95, Read 95 and Math 90 or college level reading, writing and math assessment
Engr& 204				DA12	New prereqs – awaiting approval - Physics 122 and Math& 152. Math 238 recommended.
Engr& 214		D			Phys 121 (may be taken concurrently) and Math& 152
Engr& 215			D		Engr& 214 and Math& 153
Engr& 224				DA13	New prereqs – awaiting approval – Physics 121 (may be taken concurrently), Math& 152 and Chem& 161
Engr& 225				D	Math& 153 (may be taken concurrently) and Engr& 214
Engr 240				O	Math& 153. Math 220 recommended.
English& 101	DNO	DNO	DNO	DNO	College level reading and writing assessment or Engl 95 and Read 95 with C or higher
English& 235	O	O	O	O	English& 101 with grade of C or higher
Math& 151	D	DN	D	D	Read 95. Assessment determines placement. From lowest placement, path is Math 75, 85, 90, 96/140, Math& 141, and 142
Math& 152	D	D	DN	D	Read 95 and Math& 151 with C- or higher.
Math& 153	D	D	D	DN	Read 95 and Math& 152 with C- or higher.
Math 220		D	D		Read 95 and Math& 153 with C- or higher.
Math& 254		D		D	Read 95 and Math& 153 with C- or higher.
Math 238			D	D	Read 95 and Math& 153 with C- or higher.
Phys 121		D	N	DN	Math& 151 (may be taken concurrently).
Phys 122		DN	D		Phys 121
Phys 123			D	D	Phys 121

D = Day section. N= Night section. O = Online section. H = Hybrid Online. X = Course offered, time unknown ? = Additional offering may be added

A= Alternating - Current plans have Engr 204 and 224 offered alternate spring quarters. Engr 204 is planned in Spring 2012. Engr 224 is planned in Spring 2013.

¹ Engr 104 is generally NOT offered summer quarter. Summer 2011 is a special offering.

*Note: The quarters indicated are planned offerings for 2011-2012 only. Courses may be canceled, and/or times shifted, so offerings are not guaranteed.