

Computer Engineering Suggested Sequence – Fall 2009 Catalog Year

Freshman		Sophomore		Junior		Senior	
Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
Eng. 100/101 (3) English 1	Eng. 102 (3) English 2  P: Engl 101	Comm 111 (3) Public Speaking	GE Core (3)	GE Core (3)	GE Core (3)	Phil 385 (3)	GE Core (3)
Math 242 (5) Calc I	Math 243 (5) Calc II  P: Math 242	Math/CS 321 (3) Discrete Math  P: Either Math 242 or CS 210 and CS 211	Math 555 (3) Diff Equ.  P: Math 243	Math 511 (3) Linear Algebra  P: Math 243	IME 255 (3) Engr Econ.  C: Math 243	AE 223 (3) Statics  C: Math 243 and Phys 313	ME 398 (3) Thermo  P: Math 243 and Phys 313
CS 194 (4) Int. Digit Design  P: Math 111	Chem 211 (5) General Chem	EE 282 (4) Circuits I  C: Math 243	EE 284 (3) Circuits II  P: EE 282 and Math 243 C: Math 555	EE 383 (3) Signals and Syst  P: CS 211, Math 555 and EE 284	CS 540 (3) Operating Syst.  P: CS 300 and CS 312	EE 585 (2) Elec Desg Proj I  P: Comm 111 and Dept. Consent	EE 595 (2) Elec Desg Proj II  P: EE 585
CS 211(4) C Programming  P: Math 111	CS 238 (3) (S) Assembly Lang  P: CS 211	CS 300 (3) Data Srt & Alg  P: CS 211	CS 394 (3) (S) Intro. Computer Arch.  P: CS 194 C: CS 211	EE 492 (3) (F) Electron Cir I  C: EE 284	GE (3)	CS 594 (4)(F) Micro Based Sys Design  P: Either CS 394 or CS 294 and CS 238	TE (3)
							TE(3)
		Phys 313 (4) Univ Physics I  C: Math 243	Phys 314 (4) Univ Physics II  P: Either Phys 313 or Math 243 and Phys 213	TE (3)	TE (4)	TE (3)	IME 254 (3) Engr Prob/Stat  P: Math 243
16 hrs	16 hrs	17 hrs	16hrs	15hrs	16hrs	15 hrs	17 hrs

P: Prerequisite C: Co Requisite

(F) – Offered in Fall Semester Only

(S) – Offered in Spring Semester Only