

Computer Engineering Curriculum Schedule

(Alternate schedule with Fun 3 in spring 3rd year)

First Semester		15	Second Semester		17
APMA 1110	Single Variable Calculus	4	APMA 2120	Multivariable Calculus	4
CHEM 1610	Intro Chem. Engineers	3	CS 111x	Intro Programming	3
CHEM 1611	Intro Chem. Engineers Lab	1	PHYS 1425	General Physics I	3
ENGR 1620/21	Introduction to Engineering	4	PHYS 1429	Physics I Workshop	1
STS 1500	Science Tech, Contemp Issues	3	SCI	Science Elective	3
			HSS 1	HSS elective	3
Third Semester		17	Fourth Semester		16
APMA 2130	Ordinary Diff EQ	4	CS 2150	Program/Data Rep	3
CS 2110	Software Devlpmnt Meth	3	ECE/CS 2330	Digital Logic Design	3
CS 2102	Discrete Math	3	ECE 2660	ECE Fundamentals II	4
ECE 2630	ECE Fundamentals I	4	STS 2xxx	STS Elective	3
HSS 2	HSS elective	3	UE 1	Unrestricted elective	3
Fifth Semester *		16	Sixth Semester		17
APMA 3100	Probability	3	ECE 3750	ECE Fundamentals III	4
CS/ECE	Elective (3000 or above)	3	ECE 3430	Intro Embedded Comp Sys	4
CS 3240	Advanced SW Devlpmnt	3	CS/ECE	Elective (3000 or above)	3
PHYS 2415	Physics II	3	UE 3	Unrestricted elective	3
PHYS 2419	Physics II Workshop	1	HSS 3	HSS elective	3
UE 2	Unrestricted elective	3			
Seventh Semester		14	Eighth Semester		16.5
ECE 4440	Embedded Sys Dsgn (MDE)	4.5	CS 4414	Operating Systems	3
CS/ECE 4457	Computer Networks	3	CS/ECE	Elective (4000 or above)	3
CS/ECE	Elective (4000 or above)	3	ECE 4435	Comp Arch and Design	4.5
STS 4500	STS & Engineering Practice	3	UE 4	Unrestricted elective	3
			STS 4600	Engr Ethics Prof Respsbilty	3
* Fifth Semester Alternative		16			
CS 3240	Advanced SW Devlpmnt	3			
APMA 3100	Probability	3			
ECE 3209	Electromagnetic Fields	4			
UE 5	Unrestricted Elective	3			
UE 2	Unrestricted elective	3			

JBDugan Fall 2018

reflects change of capstone to 4.5 credits and removal of ECE 4550 1.5 credit requirement