

Electrical Engineering Curriculum Schedule

(alternate schedule with fun 1 in spring of 2nd 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		16	Fourth Semester		16
APMA 2130	Ordinary Diff EQ	4	APMA/MATH	Math Elective (2xxx+)	3
CS 2110	Software Devlpmnt Meth	3	ECE 2630	ECE Fundamentals I	4
ECE/CS 2330	Digital Logic Design	3	TECH 1	Technical Elective	3
STS 2xxx	STS Elective	3	APMA 3100	Probability	3
HSS 2	HSS elective	3	UE 1	Unrestricted elective	3
Fifth Semester		17	Sixth Semester		17
ECE 1	ECE elective	3	ECE 3430	Intro Embedded Comp Sys	4
ECE 2660	ECE Fundamentals II	4	ECE 3750	ECE Fundamentals III	4
ECE 3209	E&M Fields	4	ECE 4	ECE Elective	3
UE 2	Unrestricted elective	3	UE 3	Unrestricted elective	3
ECE 2	ECE elective	3	HSS 3	HSS elective	3
Seventh Semester		15	Eighth Semester		15
ECE 3 (MDE)	Major Design Experience	4.5	ECE 6	ECE Elective	3
ECE Lab	ECE lab elective	1.5	ECE 7	ECE Elective	3
ECE 5	ECE elective	3	TECH 2	Technical elective	3
UE 4	Unrestricted elective	3	UE 5	Unrestricted elective	3
STS 4500	STS & Engineering Practice	3	STS 4600	Engr Ethics Prof Respnsblty	3

JBDugan Fall 2018

reflects change of capstone to 4.5 credits and removal of 2nd lab elective