College		FALL			SPRING		(II	Ε)	
r Coll	Course	Title	Credit Hours	Course	Title	Credit Hours	Course	Title	Credit Hours
Del Mar	ENGR 1201	Intro to Engineering	2	ENGR 2304	Programming for Eng.	3			
	GOVT 2305	Federal Government	3	HIST 1301	US History I	3			
at	CHEM 1411	General Chemistry I	4	MATH 2414	Calculus II	4			
Year	ENGL 1301	Composition I	3	PHYS 2425	University Physics I	4			
t Ye	MATH 2413	Calculus I	4	GOVT 2306	Texas Government	3			
First									
	Fall Total Credit Hours		16	Spring Tot	al Credit Hours	17	Summer Total Credit Hours		0

College	FALL				SPRING		Addi	ork	
r Co	Course	Title	Credit Hours	Course	Title	Credit Hours	Course	Title	Credit Hours
l Mar	ENGR 2406	Intro to Digital Systems	4	ECON 2301	Princ. of Macroecon.	3	*MATH 2318	Linear Algebra	3
r at Del	HIST 1302	US History II	3	COSC 2325	Computer Organization	3			
	PHYS 2426	University Physics	4	ENGR 2305	Electrical Circuits I	3			
Year	MATH 2320	Differential Equations	3	ENRG 2105	El. Circuits I Lab	1			
				ENGR 2308	Engineering Economics	3			
Second									
Se	Fall Total Credit Hours		14	Spring Tot	al Credit Hours	13	Summer To	tal Credit Hours	3

U		Summer Semester										
ratLU	Course	Title	Credit Hours	Course	Title	Credit Hours	Course	Title	Credit Hours			
este	ELEN 3101	Advanced EE Lab	1									
Semester	MATH 3435	Calculus III	4									
Additional	ELEN 3328	Quantum Mechanics 4 EEs	3									
ddit	ELEN 3431	Digital Logic Design	4									
A												
	Total Credit Hours		12									

ity	FALL				SPRING		SUMMER (IF APPLICABLE)		
University	Course	Title	Credit Hours	Course	Title	Credit Hours	Course	Title	Credit Hours
ır Ur	ELEN 3312	Circuits II	3	ELEN 3313	Signals & Systems	3	1215* ^{CO}	Public Speaking	3
Lamar	ELEN 3371	Electromagnetics	3	ELEN 3322	Electronics II	3	Fine Arts Core Elective	Fine Arts	3
Year at	ELEN 3421	Electronics I	4	ELEN 3381	Electrical Analysis	3	Lang Phil Culture Core	Lang Phil Core	3
	ELEN 4486	Microcomputers I	4	ELEN 3441	Fund. Power Engr.	4			
Third				ELEN 4387	Microcomputers II	3			
1									
	Fall Total	Credit Hours	14	Spring Tot	al Credit Hours	16	Summer To	tal Credit Hours	9

University	FALL				SPRING		SUMMER (IF APPLICABLE)		
Univ	Course	Title	Credit Hours	Course	Title	Credit Hours	Course	Title	Credit Hours
ıar	ELEN 4306	Senior Proj Design I	3	ELEN 4307	Sen Proj Design II	3			
Lamar	ELEN 4351	Control Engineering	3	Fine Arts Core*#FA	ARTS 1301, DANC 2304, COMM 1375	3			
ır at	ELEN Elective ^{EI}	Ε	3	MATH 3370	Intro to theory of Statistical Inference	3			
	ELEN Elective ^{EI}	Ξ	3	ELEN Elective ^{EE}		3			
Fourth									
Fou									
	Fall Total Credit Hours		12	Spring Tota	al Credit Hours	12	Summer To	tal Credit Hours	0

^{*} Students should complete MATH 2318 before transfer

NOTES/COMMENTS:

- All STEM courses require a grade of "C" or better to satisfy degree plan/prerequisite requirements.

 PH or PHIL 1370 Philosophy of Knowledge
 EE -Non-EE courses may be substituted if approved by the Department Chair
 CO Communication electrics are: COMM 1315, 1321, DSDE 1371, FREN 1311, or SPAN 1311
 FA Fine Arts electrics are: ARTS 1301, 1303, DANC 2304, MUSI 1306, COMM 1375, or PHIL 1330
 H1 Two senseters of US or Texas history from HIST 1301, 1302, or 2301
 SBS Social and Behavioral Science electrics are: ECON 1301, PSYC 2301, SOCI 1301, E 230N01, 2302, or ENGR 2308
 FR ELEN 1301 Intro to Computers & Programming is needed before taking ELEN 2411 Circuits I. (An equivalent high school or community College programming course may be accepted)

 * Core Curriculum Course.

 # Please discuss these course option with your advisor to determine what course best meets your needs.