Proposed **FOUR-YEAR DEGREE MAP 2020 - 2021** **Del Mar College**

Course	**Title**	**Credit Hours**	**Course**	**Title**	**Credit Hours**	**Course**	**Title**	**Credit Hours**
ENGR 1201	Intro to Engineering	2	ENGR 2304	Programming for Eng.	3			
GOVT 2305	Federal Government	3	HIST 1301	US History I	3			
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Second Year at Del Mar College

	ystems	4	ECON 2301	Princ. of Macroecon.	3	*MATH 2318	Linear Algebra	3
HIST 1302	US History II	3	COSC 2325	Computer Organization	3			
PHYS 2426	University Physics II	4	ENGR 2305	Electrical Circuits I	3			
MATH 2320	Differential Equations	3	ENRG 2105	El. Circuits I Lab	1			
			ENGR 2308	Engineering Economics	3			
		14			**13**			**3**

Summer Semester

Course	**Title**	**Credit Hours**	**Course**	**Title**	**Credit Hours**	**Course**	**Title**	**Credit Hours**
ELEN 3101	Advanced EE Lab	1						
MATH 3435	Calculus III	4						
ELEN 3328	Quantum Mechanics 4 EEs	3						
ELEN 3431	Digital Logic Design	4						
Total Credit Hours		**12**						

Third Year at Lamar University

FALL			**SPRING**			**SUMMER (IF APPLICABLE)**		
Course	**Title**	**Credit Hours**	**Course**	**Title**	**Credit Hours**	**Course**	**Title**	**Credit Hours**
ELEN 3312	Circuits II	3	ELEN 3313	Signals & Systems	3	COMM 1315*[CO]	Public Speaking	3
ELEN 3371	Electromagnetics	3	ELEN 3322	Electronics II	3	Fine Arts Core Elective	Fine Arts	3
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			
			ELEN 4387	Microcomputers II	3			
		14			**16**	**Summer Total Credit Hours**		**9**

						SUMMER (IF APPLICABLE)		
Course	**Title**	**Credit Hours**	**Course**	**Title**	**Credit Hours**	**Course**	**Title**	**Credit Hours**
ELEN 4306	Senior Proj Design I	3	ELEN 4307	Sen Proj Design II	3			
ELEN 4351	Control Engineering	3	Fine Arts Core*#[FA]	ARTS 1301, DANC 2304, COMM 1375	3			
ELEN Elective[EE]		3	MATH 3370	Intro to theory of Statistical Inference	3			
ELEN Elective[EE]		3	ELEN Elective[EE]		3			
		12			**12**	**Summer Total 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 PHID ﻛﺪ ﺍﻟ C 2301, SOCI 1301, E 23ON01, 2302, or ENGR 2308
nputers & Programming is needed before taking ELEN 2411 Circuits I. (An equivalent high school or community College programming course may be accepted)
otion with your advisor to determine what course best meets your needs.