



San Jacinto College AS Engineering, Electrical to LU Electrical Engineering

First Year at San Jacinto College	FALL			SPRING			SUMMER		
	Course	Title	Credit Hours	Course	Title	Credit Hours	Course	Title	Credit Hours
	ENGL 1301	English Comp I	3	PHYS 2325	University Physics I	3			
	MATH 2413	Calculus I	4	PHYS 2125	University Physics I Lab	1			
CHEM 1311	General Chem I	3	HIST 1302	US History					

Third Year at Lamar University	FALL			SPRING			SUMMER		
	Course	Title	Credit Hours	Course	Title	Credit Hours	Course	Title	Credit Hours
	ELEN 3312	Circuits II	3	ELEN 3313	Signals & Systems	3			
	ELEN 3371	Electromagnetics	3	ELEN 3322	Electronics II	3			
	ELEN 3421	Electronics I	4	ELEN 3381	Electrical Analysis	3			
	ELEN 4486	Microcomputers I	4	ELEN 3441	Fund. Power Engr.	4			
				ELEN 4387	Micro computers II	3			
	Fall Total Credit Hours		14	Spring Total Credit Hours		16	Summer Total Credit Hours		

Fourth Year at Lamar University	FALL			SPRING			SUMMER		
	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	MATH 3370	Intro Theory of Statistical Inference	3			
	ELEN Elect. ^{EE}	ELEN Elective ^{EE}	3	ELEN Elect. ^{EE}	ELEN Elective ^{EE}	3			
	ELEN Elect. ^{EE}	ELEN Elective ^{EE}	3						
Fall Total Credit Hours		12	Spring Total Credit Hours		9	Summer Total Credit Hours			

LAMAR UNIVERSITY

Contract Established: 2022