HCC	Lamar	Course Name	Hrs	HCC	Lamar	Course Name	Hrs
ENGR 1201		Intro to ENGR	2	COSC 1436		Programming Fundamentals I	4
ENGL 1301		English Comp I	3	ENGL 2311		Technical & Busines Writing	3
HIST Core		History Core	3	MATH 2414		Calculus II	4
MATH 2413		Calculus I	4	PHYS 2325		Univ Physics I	3
CHEM 1311		General Chemistry I	3	PHYS 2125*		Univ Physics I Lab	1
CHEM 1111							

MATH 2415		Calculus III	4	ENGR 2105		Circuits Lab	1
PHYS 2326		Univ PHYS II	3	COSC 2436**		Prgrmmng Fund III	4
PHYS 2126		Univ PHYS II Lab	1	MATH 2320		Diff. Equat.	3
				ENGR 2306		Intro Digital Systems	3
				ENGR 2106		Intro Digital Systems Lab	1
Total			12	Total			15

HCC	Lamar	Course Name	Hrs	HCC	Lamar	Course Name	Hrs
	ELEN 3101	Advanced EE Lab	1		MATH 2318	Linear Algebra	3
	COSC 2375 or MATH 3321	Discrete Structure	3				
Total			3	Total			3

Lamar	Course Name	Hrs	Lamar	Course Name	Hrs
CA Core	Creative Arts Core	3	ELEN 3313	Signals, Systems, and Transforms	3
ELEN 3330		3	ELEN 3340	Digital IC	3
ELEN 3421		4	ELEN 3451	Digital Design II	4
ELEN 4486		4	ELEN 4387	Computer Organization & Architecture	3
MATH 3370 or INEN 3320	Intro to Theory of Statistical Inference	3	POLS 2302*		3
Total		17	Total		16

Lamar		Hrs	Lamar		Hrs
Total		0	Total		0

Lamar		Hrs	Lamar		Hrs
ELEN 4306	Senior Project Design I	3	ELEN 4307	Senior Project Design II	3
ELEN 4314	Fundamentals of DSP	3	HIST 1302*	US History II	3
ELEN Elective[EE]	ELEN Elective	3	ELEN Elective[EE]		3
ELEN Elective[EE]	ELEN Elective	3	LPC Core		3
ELEN 3320	Computer Networks	3	GOVT Core	GOVT Core	3
Total		15	Total		15

**LU will accept COSC 1437 OR 2436 to replace ELEN 2301.