Transfer Pathway: Houston Community College
AS Engineering Science, Mechanical to Lamar University BS Mechanical EngineeringMeasurements Lab

First Year - Freshman

Fall Semester

HCC	Lamar	Course Name	Hrs
ENGR 1201		Intro to ENGR	2
ENGL 1301		English Comp I	3
HIST Core		History Core	3
MATH 2413		Calculus I	4
CHEM 1412		General Chemistry w/lab II	4
Total			16

Spring Semester

HCC	Lamar	Course Name	Hrs
ENGR 1304		ENGR Graphics I	3
ENGL 2311		Technical & Business Writing	3
MATH 2414		Calculus II	4
PHYS 2325		Univ Physics I	3
PHYS 2125		Univ Physics I Lab	1
ENGR 2304		Programming for ENGR	3
Total			17

Summer Semester

HCC	Lamar	Course Name	Hrs
Total			0

HCC	Lamar	Course Name	Hrs
Total			0

Second Year - Sophomore

Fall Semester

HCC	Lamar	Course Name	Hrs
ENGR 2301		Statics	3
GOVT 2305		Federal Govt	3
MATH 2415		Calculus III	4

Spring Semester

HCC	Lamar	Course Name	Hrs
ENGR 2305		Circuits I	3
ENGR 2105		Circuits I Lab	1
MATH 2320		Differential Equations	3

Summer Semester at HCC and/or LU

	Course Name			Course Name	
	Engineering Analysis Fluid Mechanics Engineering Economics			Heat Transfer Mechanical Design I Statistics	