

First Year - Freshman							
Fall Semester				Spring Semester			
San Jac	Lamar	Course Name	Hrs	San Jac	Lamar	Course Name	Hrs
CHEM 1111		Gen Chem I Lab	1	ENGL 1302		English Comp II	3
CHEM 1311		General Chemistry I	3	ENGR 1304		Engineering Graphics	3
ENGL 1301		English Comp I	3	GOVT 2305		Federal Govt	3
ENGR 1201		Intro to Engineering	2	MATH 2414		Calculus II	4
MATH 2413		Calculus I	4	PHYS 2125		Univ Physics I Lab	1
				PHYS 2325		Univ Physics I Lab	3
<b>Total</b>			<b>13</b>	<b>Total</b>			<b>17</b>
Summer Semester							
San Jac	Lamar	Course Name	Hrs	San Jac	Lamar	Course Name	Hrs
<b>Total</b>			<b>0</b>	<b>Total</b>			<b>0</b>
Second Year - Sophomore							
Fall Semester				Spring Semester			
San Jac	Lamar	Course Name	Hrs	San Jac	Lamar	Course Name	Hrs
ENGR 2301		Statics	3	ENGR 2105		Elect Circuits Lab	1
ENGR 2304		Programming	3	ENGR 2302		Dynamics	3
HIST 1301		U S History I	3	ENGR 2305		Elect Engineering	3
MATH 2415		Calculus III	4	GOVT 2306		Texas Govt	3
PHYS 2126		Univ Physics II Lab	1	HIST 1302		U. S. History II	3
PHYS 2326		Univ Physics II	3	MATH 2320		Diff Equations	3
<b>Total</b>			<b>17</b>	<b>Total</b>			<b>16</b>
Summer Semester at SJC and/or LU							
San Jac	Lamar	Course Name	Hrs	San Jac	Lamar	Course Name	Hrs
LPC Core		LPC Core	3	ENGR 2308	(080 Core at LU)	Engr Econ	3
MATH 2318		Linear Algebra	3	MEEN 2374		Thermodynamics I	3
<b>Total</b>			<b>3</b>	<b>Total</b>			<b>3</b>
Third Year - Junior							
Fall Semester				Spring Semester			
Lamar		Course Name	Hrs	Lamar		Course Name	Hrs
MEEN 3340		Engineering Analysis	3	MEEN 3210		Measurements Lab	2
MEEN 3311		Fluid Mechanics	3	MEEN 3310		Heat Transfer	3
MEEN 3380		Thermodynamics II	3	MEEN 3300		Design of Mechanism	3
MEEN 2372		Mechanics of Solids	3	MEEN 3320		Mechanical Design I	3
INEN 3322		Materials & Manufacturing Processes	3	MEEN 3350		Computer-Aided Engineering	3
<b>Total</b>			<b>15</b>	<b>Total</b>			<b>14</b>
Summer Semester							
Lamar		Course Name	Hrs	Lamar		Course Name	Hrs
<b>Total</b>			<b>0</b>	<b>Total</b>			<b>0</b>
Fourth Year - Senior							
Fall Semester				Spring Semester			
Lamar		Course Name	Hrs	Lamar		Course Name	Hrs
MEEN 4110		Seminar	1	CA Core		Creative Arts Core	3
MEEN 4310		Integrated System Design	3	MEEN 4316		Engineering Design Project	3
MEEN 4313		Thermal Systems Design	3	MEEN 4317		Dynamic Systems Analysis	3
MEEN 4319		Materials Science	3	MEEN Elective		MEEN Elective	3
MEEN 4323		Mechanical Design II	3	INEN 4320 or MATH 3370		Statistical Decision Making in ENGR or Intro Theory of Stat Inference	3
<b>Total</b>			<b>13</b>	<b>Total</b>			<b>15</b>

Notes:  
 Hours Lost - 6 total  
 ENGR 1201 - Intro to Engineering - 2 hours - Not required for BS ME  
 ENGR 1304 - Engineering Graphics - 3 hours - Not required for BS ME. Prefer ENGR 2332 Mechanics of Solids.  
 ENGR 2105 - Electrical Circuits Lab - 1 hour - Lab not required for BS ME.  
 Total Hours: 132  
 Hours not Applied: 6  
 Hours in Degree: 126  
 LU Hours: 57  
 San Jacinto College Hours: 75