



**Transfer Pathway: Houston Community  
College AAS Electronics Engineering Tech -  
Computer Engineering to Lamar University BS  
Industrial Technology**



First Year - Freshman							
Fall Semester				Spring Semester			
HCC	Lamar	Course Name	Hrs	HCC	Lamar	Course Name	Hrs
EDUC 1300		Learning Framework	3	CETT 1403		DC Circuits	4
ENGL 1301		English Comp I	3	CETT 1425		Digital Fundamentals	4
MATH 1314		College Algebra	3	MATH 1316		Plane Trig	3
CETT 1321		Electronic Fabrication	3	SBS Core		SBS Core	3
CPMT 1449		Computer Network Tech	4				
<b>Total</b>			<b>16</b>	<b>Total</b>			<b>14</b>
Summer Semester							
HCC	Lamar	Course Name	Hrs	HCC	Lamar	Course Name	Hrs
PHYS 1401		College Physics I (lect & lab)	4				
<b>Total</b>			<b>4</b>	<b>Total</b>			<b>0</b>
Second Year - Sophomore							
Fall Semester				Spring Semester			
HCC	Lamar	Course Name	Hrs	HCC	Lamar	Course Name	Hrs
CETT 1405		AC Circuits	4	CETT or CPMT Elective		CETT or CPMT Elective	4
CETT 1429		Solid State Devices	4	CETT or CPMT Elective		CETT or CPMT Elective	4
CETT 1431		Programming for Discrete Electronic Devices	4	CETT 1357		Linear Integrated Circuits	3
Fine Arts Core		Fine Arts Core	3				
<b>Total</b>			<b>15</b>	<b>Total</b>			<b>11</b>
Summer Semester							
HCC	Lamar	Course Name	Hrs	HCC	Lamar	Course Name	Hrs
<b>Total</b>			<b>0</b>	<b>Total</b>			<b>0</b>
Third Year - Junior							
Fall Semester				Spring Semester			
Lamar	Course Name	Hrs	Lamar	Course Name	Hrs		
INEN 2301	Quantitative Methods	3	INEN 4301	Quality Control Applications	3		
INEN 3300	Intro to IE	3	INEN 4316	Industrial & Product Safety	3		
INEN 3330	Engineering Economy	3	INEN 4351	Product & Inventory Systems	3		
HIST 1301	US History I	3	INEN 4369	Engineering Management	3		
POLS 2301	Political Science I	3	INEN 3360	Computer Tech	3		
<b>Total</b>		<b>15</b>	<b>Total</b>		<b>15</b>		
Summer Semester							
Lamar	Course Name	Hrs	Lamar	Course Name	Hrs		
LPC Core	LPC Core	3	L & PS Core	Life & Physical Science Core	4		
L & PS Core	Life & Physical Science Core	4					
<b>Total</b>		<b>7</b>	<b>Total</b>		<b>4</b>		
Fourth Year - Senior							
Fall Semester			Spring Semester				
Lamar	Course Name	Hrs	Lamar	Course Name	Hrs		
HIST 1302	US History II	3	Advd. Elective	Approved Advanced Elective	3		
Advd. Elective	Approved Advanced Elective	3	Advd. Elective	Approved Advanced Elective	3		
Advd. Elective	Approved Advanced Elective	3	Advd. Elective	Approved Advanced Elective	3		
Advd. Elective	Approved Advanced Elective	3	Advd. Elective	Approved Advanced Elective	3		
INEN 4315	Industrial Management	3	POLS 2302	Political Science II	3		
<b>Total</b>		<b>15</b>	<b>Total</b>		<b>15</b>		

Notes: