



**Transfer Pathway: Houston Community College  
AAS Process Technology 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	PHYS 1401		Colleg Physics I (lect & lab)	4
PTAC 1302		Intro to Process Tech	3	CHEM 1311 and 1111		General Chemistry I w/Lab	4
ENGL 1301		English Comp I	3	PTAC 1410		Proc Tech I Equipment	4
MATH 1314		College Algebra	3	PTAC 1332		Process Instrumentation I	3
PTAC 1308		Safety, Health, Environment	3				
SBS Core		SBS Core	3				
<b>Total</b>			<b>18</b>	<b>Total</b>			<b>15</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>
Second Year - Sophomore							
Fall Semester				Spring Semester			
HCC	Lamar	Course Name	Hrs	HCC	Lamar	Course Name	Hrs
SPCH 1311		Intro Speech Comm	3	PTAC 2438		Proc Tech III Operations	4
PTAC 2314		Principles of Quality	3	PTAC 1350 or PTAC 2336		Industrial Economics or Process Instrumentation II	3
PTAC 2420		Proc Tech II Systems	4	Fine Arts Core		Fine Arts Core	3
PTAC 1354		Industrial Processes	3	PTAC 2446		Process Troubleshooting	4
<b>Total</b>			<b>13</b>	<b>Total</b>			<b>14</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					
<b>Total</b>		<b>3</b>	<b>Total</b>		<b>0</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: