



Transfer Pathway: Houston Community  
College AAS Instrumentation Controls  
Engineering to Lamar University BS Industrial  
Technology



HCC	Lamar	Course Name	Hrs	HCC	Lamar	Course Name	Hrs
EDUC 1300		Learning Framework	3	INTC 1356		Instrumentation Calibration	3
PTAC 1302		Intro to Process Tech	3	CETT 1403		DC Circuits	4
PTAC 1308		Safety, Health, Environment I	3	MATH 1316		Plane Trigonometry	3
ENGL 1301							
MATH 1314		College Algebra	3	CPMT 1449		Computer Network Tech	4
<b>Total</b>			<b>15</b>	<b>Total</b>			<b>18</b>

HCC	Lamar	Course Name	Hrs	HCC	Lamar	Course Name	Hrs
<b>Total</b>			<b>0</b>	<b>Total</b>			<b>0</b>

HCC	Lamar	Course Name	Hrs	HCC	Lamar	Course Name	Hrs
INTC 1441		Principles of Automatic Control	4	Fine Arts Core		Fine Arts Core	3
INTC 1343		Application of Industrial Automa Controls	3	SBS Core		SBS Core	3
CETT 1405		AC Circuits	4	RBTC 1301		Programmable Logic Controllers	3



Quantitative Methods  
Intro to IE  
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Political Science I				Computer Tech			3
<b>Total</b>			<b>15</b>	<b>Total</b>			<b>15</b>

Lamar	Course Name	Hrs	Lamar	Course Name	Hrs	
LPC Core	LPC Core	3	COMM 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: