



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
Total			15	Total			18

HCC	Lamar	Course Name	Hrs	HCC	Lamar	Course Name	Hrs
Total			0	Total			0

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	
Total			15	Total			15

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					
Total			7	Total			4

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		
Total			15	Total			15

Notes: