



Houston CC AAS Instrumentation & Controls Engineering to LU BS Industrial Technology

First Year at HCC	FALL			SPRING			SUMMER		
	Course	Title	Credit Hours	Course	Title	Credit Hours	Course	Title	Credit Hours
	EDUC 1300	Learning Fmwrk	3	INTC 1356	Instrmnt Calib	3			
	PTAC 1302	Intro to Process Tech	3	CETT 1403	DC Circuits	4			
	PTAC 1308	Safety, Health, Environ I	3	MATH 1316	Plane Trig	3			
	ENGL 1301	English Comp I	3	CETT 1425	Digital Fund	4			
	MATH 1314	College Algebra	3	CPMT 1449	Comp Ntwrk Tech	4			
	Fall Total Credit Hours		15	Spring Total Credit Hours		18	Summer Total Credit Hours		

Second Year at HCC	FALL			SPRING			SUMMER		
	Course	Title	Credit Hours	Course	Title	Credit Hours	Course	Title	Credit Hours
	INTC 1441	Pncpl Auto Control	4	Fine Arts Core	Fine Arts Core	3			
	INTC 1343	App Indust Auto Cntrls	3	SBS Core	SBS Core	3			
	CETT 1405	AC Circuits	4	RBTC 1301	Prgm Logic Cntrllrs	3			
PHYS 1401	College Physics I	4	INTC 2330 or INTC 2336	Inst Sys Trblsht or Dist Cntrl & Prgm Logic	3				
Fall Total Credit Hours		15	Spring Total Credit Hours		12	Summer Total Credit Hours			

Third Year at Lamar University	FALL			SPRING			SUMMER		
	Course	Title	Credit Hours	Course	Title	Credit Hours	Course	Title	Credit Hours
	INEN 2301	Quant Methods	3	INEN 4301	Quality Control App	3	LPC Core	LPC Core	3
	INEN 3300	Intro to IE	3	INEN 4316	Industrial & Product Safety	3	Science Core	Science Core	3
	INEN 3330	Engineering Economy	3	INEN 4351	Production & Inventory Sys	3	COMM Core	COMM Core	3
	HIST 1301	US History I	3	INEN 4369	Engineering Mgmt	3			
	POLS 2301	Political Science I	3	INEN 3360	Computer Tech	3			
	Fall Total Credit Hours		15	Spring Total Credit Hours		15	Summer Total Credit Hours		9

Fourth Year at Lamar University	FALL			SPRING			SUMMER		
	Course	Title	Credit Hours	Course	Title	Credit Hours	Course	Title	Credit Hours
	HIST 1302	US History II	3	Approved UL Elective	Approved UL Elective	3			
	Approved UL Elective	Approved UL Elective	3	Approved UL Elective	Approved UL Elective	3			
	Approved UL Elective	Approved UL Elective	3	Approved UL Elective	Approved UL Elective	3			
	Approved UL Elective	Approved UL Elective	3	Approved UL Elective	Approved UL Elective	3			
INEN 4315	Industrial Mgmt	3	POLS 2302	Political Science II	3				
Fall Total Credit Hours		15	Spring Total Credit Hours		15	Summer Total Credit Hours			