



Houston CC AAS Manufacturing Engineering Tech 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 Framework	3	HYDR 1345	Hydraul & Pneumat	3			
	MCHN 1343	Machine Shop Math	3	ELPT 1311	Basic Electrical Theory	3			
	MCHN 1302	Print Read for Mach Trades	3	INMT 1372	Quality & Assess	3			
	ENTC 1347	Safety & Ergonomics	3	INMT 1345	Computer Number Controls	3			
	MCHN 1338	Basic Machine Shop I	3	MCHN 2331	Oper of CNC Turning Cntrs	3			
	Fall Total Credit Hours		15	Spring Total Credit Hours		15	Summer Total Credit Hours		

Second Year at HCC	FALL			SPRING			SUMMER		
	Course	Title	Credit Hours	Course	Title	Credit Hours	Course	Title	Credit Hours
	INMT 1343	CAD/CAM	3	SBS Core	SBS Core	3			
	INMT 1305	Intro to Industrial Mntnc	3	ARTS 2341 or Huma/FA core	Metals or Huma/FA core	3			
	INMT 1317	Industrial Automtn	3	ARTS 1316	Drawing I	3			
	INMT 1370	Lean Manuf Manuf Engin	3	HUMA 1301 or FA Core	HUMA 1301 or FA Core	3			
	INMT 1319	Manuf Process	3	Math or Science Core	Math or Science Core	3			
Fall Total Credit Hours		15	Spring Total Credit Hours		15	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 (if not taken)	Science Core (if not taken)	4
	INEN 3330	Engineering Econ	3	INEN 4351	Product & Inventory Sys	3	Science Core	Science Core	4
	HIST 1301	US History I	3	INEN 4369	Engineering Mgmt	3	MATH 1314 (if not taken)	College Algebra	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		14

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	Comm Core	Comm Core	3
	Approved UL Elective	Approved UL Elective	3	Approved UL Elective	Approved UL Elective	3	Comm Core	Comm Core	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		6	