



Houston CC AAS Machining Technology 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 Frmwrk	3	HYDR 1345	Hydraul & Pneumat	3			
	MCHN 1343	Machine Shop Math	3	MCHN 1308	Basic Lathe	3			
	MCHN 1302	Print Read for Mach Trades	3	MCHN 1313	Basic Milling Oper	3			
	ENTC 1347	Safety & Ergonomics	3	MCHN 1320	Precision Tools & Msrmt	3			
	MCHN 1338	Basic Machine Shop I	3	MCHN 1305	Metals & Heat Trmt	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
	MCHN 2333	Adv Lathe Oper	3	SBS Core	SBS Core	3	MCHN 2341	Adv Machining I	3
	MCHN 2337	Adv Mill Oper	3	Fine Arts Core	Fine Arts Core	3			
	INMT 1370	Lean Manuf Eng	3	Gen Ed Core*	Gen Ed Core*	3			
	MCHN 2331 or INMT 1345	Oper CNC Turn Cntrs or Comp Numer Cntrls	3	Gen Ed Core*	Gen Ed Core*	3			
			Math or Science Core**	Math or Science Core**	3				
Fall Total Credit Hours		12	Spring Total Credit Hours		15	Summer Total Credit Hours		3	

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	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

NOTES/COMMENTS:

*Lamar University recommends that students select a General Education Course that will satisfy Core requirements: HIST 1301 or 1302, GOVT 2305 or 2306, Lab Science, etc. See advisor for additional information.

**Lamar University requires that students take College Algebra or higher math.