

**San Jacinto College AAS Instrumentation Technology to LU BS Industrial Technology**

First Year at San Jacinto College	FALL			SPRING			SUMMER		
	Course	Title	Credit Hours	Course	Title	Credit Hours	Course	Title	Credit Hours
	INCR 1302	Physics of Instrmntn	3	INTC 1322	Analog Controls I	3	ETWR 1302	Intro to Tech Writing	3
	INTC 1448	Analytical Instrmntm	4	INTC 1475	Sample Systems	4			
	OSHT 1320	Energy Indust Sfty	3	CHEM 1305	Intro Chemistry I	3			
	CETT 1302	Electricity Principles	3	CHEM 1105	Intro Chemistry I Lab	1			
	TECM 1301 or MATH 1314*	Industrial Math or College Algebra*	3	INTC 2310	Principles of Ind Msrmt II	3			
	<b>Fall Total Credit Hours</b>		16	<b>Spring Total Credit Hours</b>		14	<b>Summer Total Credit Hours</b>		3

Second Year at San Jacinto College	FALL			SPRING			SUMMER		
	Course	Title	Credit Hours	Course	Title	Credit Hours	Course	Title	Credit Hours
	INTC 1315	Final Control Elements	3	INTC 2333	Instrmntn Sys Install	3			
	ELPT 2319	Prgmbl Logic Cntrllrs	3	INTC 2330 or 2388	IS Trblshtng or Internship	3			
	ENGL 1301	English Comp I	3	INTC 2359	Distributed Cntrl Sys	3			
	SBS Core	SBS Core	3	Speech Choice**	Speech Choice**	3			
				CA Core	CA Core	3			
<b>Fall Total Credit Hours</b>		12	<b>Spring Total Credit Hours</b>		15	<b>Summer Total Credit Hours</b>			

Third Year at Lamar University	FALL			SPRING			SUMMER		
	Course	Title	Credit Hours	Course	Title	Credit Hours	Course	Title	Credit Hours
	INEN 2301	Quantitative Methods	3	INEN 4301	Quality Control Appl	3	LPC Core	LPC Core	3
	INEN 3300	Intro to IE	3	INEN 4316	Industrial & Product Safety	3	L&PS Core	L&PS Core	4
	INEN 3330	Engineering Economy	3	INEN 4351	Production & Inventory Sys	3			
	HIST 1301	US History I	3	INEN 4369	Engineering Mgmt	3			
	POLS 2301	Political Science I	3	INEN 3360	Computer Tech	3			
	<b>Fall Total Credit Hours</b>		15	<b>Spring Total Credit Hours</b>		15	<b>Summer Total Credit Hours</b>		7

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 Upper Level Elective	3			
	Approved UL Elective	Approved Upper Level Elective	3	Approved UL Elective	Approved Upper Level Elective	3			
	Approved UL Elective	Approved Upper Level Elective	3	Approved UL Elective	Approved Upper Level Elective	3			
	Approved UL Elective	Approved Upper Level Elective	3	Approved UL Elective	Approved Upper Level Elective	3			
	INEN 4315	Industrial Management	3	POLS 2302	Political Science II	3			
	LIBR 1101	Intro to Library Research	1						
	<b>Fall Total Credit Hours</b>		16	<b>Spring Total Credit Hours</b>		15	<b>Summer Total Credit Hours</b>		

**SAN JACINTO COLLEGE NOTES/COMMENTS:**

\*MATH 1314 College Algebra (or higher - pre-calculus or calculus) required for LU BSIT

\*\*Speech (SPCH) Choice: 1311 Intro to Speech Communication, 1315 Public Speaking, 1318 Interpersonal Communication, 1321 Business & Professional Speech