

San Jacinto College AAS Electrical 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
	ELPT 1215	Elctrcl Calculations I	2	ELPT 1345	Commercial Wiring	3	ELPT 2325	Nat'l Electrical Code II	3
	CETT 1302	Electricity Prncpls	3	ELPT 1351	Electrical Machines	3			
	ELPT 1325	Nat'l Electrical Code I	3	ELPT 1441	Motor Control	4			
	ELPT 1429	Residential Wiring	4	ELPT 2215	Elect Calc II	2			
	ENGL 1301	English Comp I	3	MATH 1314 or 1332*	College Algebra or Contemp Math*	3			
Fall Total Credit Hours		15	Spring Total Credit Hours		15	Summer Total Credit Hours		3	

Second Year at San Jacinto College	FALL			SPRING			SUMMER		
	Course	Title	Credit Hours	Course	Title	Credit Hours	Course	Title	Credit Hours
	ELPT 2343	Elect Sys Design	3	ELPT 2319	Prgmbl Logic Cntrlrs I	3			
	ELPT 1357	Industrial Wiring	3	ELPT 2301 or 2364	JE Exam Review or Practicum	3			
	ELPT 2305	Trnsfrmrs & Motors	3	Speech Choice**	Speech Choice**	3			
	ELPT 2337	Elect Planning & Estmntg	3	LPC or CA Core	LPC or CA Core	3			
	SBS, GOVT, or HIST Core	SBS, GOVT, or HIST Core	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	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 Systems	3	L&PS Core	L&PS Core	4
	HIST 1301	US History I	3	INEN 4369	Engineering Mgmt	3			
	POLS 2301	Political Science I	3	INEN 3360	Computer Technology	3			
	Fall Total Credit Hours		15	Spring Total Credit Hours		15	Summer Total Credit Hours		11

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 Mgmt	3	POLS 2302	Political Science II	3			
	LIBR 1101	Intro to Library Research	1						
	Fall Total Credit Hours		16	Spring Total Credit Hours		15	Summer Total Credit Hours		

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