

San Jacinto College AAS Welding 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
	WLDG 1428	Intro SMAW	4	WLDG 1434	Intro to GTAW	4			
	WLDG 1204	Fund of OxyFuel Wldng	2	WLDG 2443	Advd SMAW	4			
	WLDG 1413	Intro Blueprint Rdng	4	WLDG 2406	Intrmed Pipe Wldng	4			
	MATH 1314 or 1332*	College Algebra or Contemp Math*	3	ENGL 1301	English Comp I	3			
	CA Core	CA Core	3						
Fall Total Credit Hours		16	Spring Total Credit Hours		15	Summer Total Credit Hours			

Second Year at San Jacinto College	FALL			SPRING			SUMMER		
	Course	Title	Credit Hours	Course	Title	Credit Hours	Course	Title	Credit Hours
	WLDG 1430	Intro GMAW	4	WLDG 1305 or NDTE 1301	Art Metals Wldg & CNC Fab or Rdgrphc Film Interp of Weld	3			
	WLDG 2451	Advd GTAW	4	WLDG 1412	Intro Flux Cored Arc Wldng	4			
	WLDG 2453	Advd Pipe Wldng	4	WLDG 2480 or 2413	Coop or Intrmd Wldng Multi	4			
	Speech Choice**	Speech Choice**	3	SBS Core	SBS Core	3			
Fall Total Credit Hours		15	Spring Total Credit Hours		14	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 Sys	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 Tech	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 Management	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