

San Jacinto College AAS Engineering Design Graphics, Mechanical Specialty 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
	DFTG 1305	Intro Tech Drawing	3	DFTG 1433	Mech Drafting	4	Speech Choice*	Speech Choice*	3
	DFTG 1409	Basic CAD	4	DFTG 1445	Parametric Model & Design	4			
	CA Core	CA Core	3	DFTG 2317	Descriptive Geometry	3			
	ENGL 1301	English Comp I	3	DFTG 2440	Solid Modeling Design	4			
Fall Total Credit Hours		13	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
	DFTG 2402	Machine Drftng	4	DFTG 2435	Advd Tech in Mech Design & Draft	4			
	DFTG 2406	Machine Design	4	DFTG 2458	Advd Machine Design	4			
	DFTG 2450	Gmtrc Dimens & Tolerancing	4	DFTG 2386 or 2338	Internship or Final Project	3			
	MATH 1314 or 1332**	College Algebra or Contem Math	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 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		

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