



ALVIN COMMUNITY COLLEGE



LAMAR UNIVERSITY

MEMBER THE TEXAS STATE UNIVERSITY SYSTEM™

Alvin CC BS Computer Science to LU BS Industrial Technology

First Year at Alvin CC	FALL			SPRING			SUMMER		
	Course	Title	Credit Hours	Course	Title	Credit Hours	Course	Title	Credit Hours
	COSC 1436	Programming Fund I	4	ENGL 1302	English Comp II	3	MATH 2414	Calculus II	4
	ENGL 1301	English Comp I	3	MATH 2413	Calculus I	4			
	MATH 1314	College Algebra	3	GOVT 2306	Texas Govt	3			
	SBS Core	SBS Core	3	COSC 1437	Programming Fund II	4			
				COSC 2325	Computer Org & Machine Lang	3			
	<b>Fall Total Credit Hours</b>		<b>13</b>	<b>Spring Total Credit Hours</b>		<b>17</b>	<b>Summer Total Credit Hours</b>		<b>4</b>

Second Year at Alvin CC	FALL			SPRING			SUMMER		
	Course	Title	Credit Hours	Course	Title	Credit Hours	Course	Title	Credit Hours
	History Core	History Core	3	History Core	History Core	3			
	COSC 2336	Programming Fund III	3	GOVT 2305	Federal Govt	3			
	CA Core	CA Core	3	LPC Core	LPC Core	3			
	PHYS 2425	College Physics I	4	PHYS 2426	College Physics II	4			
<b>Fall Total Credit Hours</b>		<b>13</b>	<b>Spring Total Credit Hours</b>		<b>13</b>	<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 3300	Intro to IE	3	INEN 4301	Quality Control Appl	3			
	INEN 3330	Engineering Economy	3	INEN 4316	Industrial & Product Safety	3			
	Approved Elective	Approved Elective	3	INEN 4351	Production & Inventory Sys	3			
	Approved Elective	Approved Elective	3	INEN 4369	Engineering Mgmt	3			
	Approved Elective	Approved Elective	3	INEN 3360	Computer Technology	3			
	<b>Fall Total Credit Hours</b>		<b>15</b>	<b>Spring Total Credit Hours</b>		<b>15</b>	<b>Summer Total Credit Hours</b>		

Fourth Year at Lamar University	FALL			SPRING			SUMMER		
	Course	Title	Credit Hours	Course	Title	Credit Hours	Course	Title	Credit Hours
	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			
	Approved UL Elective	Approved UL Elective	3	Approved UL Elective	Approved UL Elective	3			
	INEN 4315	Industrial Mgmt	3	Approved UL Elective	Approved UL Elective	3			
	Approved Elective	Approved Elective	3	Approved Elective	Approved Elective	3			
<b>Fall Total Credit Hours</b>		<b>15</b>	<b>Spring Total Credit Hours</b>		<b>15</b>	<b>Summer Total Credit Hours</b>			