



**Transfer Pathway: Houston Community
College AA Computer Information Systems to
Lamar University BS Computer Game
Development**



First Year - Freshman							
Fall Semester				Spring Semester			
HCC	Lamar	Course Name	Hrs	HCC	Lamar	Course Name	Hrs
EDUC 1300		Learning Framework	3	ENGL 1302		English Composition II	3
ENGL 1301		English Composition I	3	MATH 1325		Calculus for Business & Social Science	3
MATH 1324		Math for Business & Social Science	3	COSC 1436		Program Fundamentals I	4
BCIS 1305		Business Computer Applications	3	L&PS Core		Life & Physical Science Core	3
History Core		History Core	3	History Core		History Core	3
Total			15	Total			16
Summer Semester							
HCC	Lamar	Course Name	Hrs	HCC	Lamar	Course Name	Hrs
Total			0	Total			0
Second Year - Sophomore							
Fall Semester				Spring Semester			
HCC	Lamar	Course Name	Hrs	HCC	Lamar	Course Name	Hrs
ACCT 2301		Financial Acct	3	MATH 1342 or ACCT 2302		Math Statistics or Managerial Accounting	3
COSC 1437		Program Fundamentals II	4	COSC 2425		Computer Organization	4
ECON 2301 or 2302		Macro or Micro Economics	3	LPC Core		LPC Core	3
GOVT 2305		Federal Govt	3	GOVT 2306		Texas Govt	3
CA Core		CA Core	3				
Total			16	Total			13
Summer Semester							
HCC	Lamar	Course Name	Hrs	HCC	Lamar	Course Name	Hrs
Total			0	Total			0
Third Year - Junior							
Fall Semester				Spring Semester			
Lamar	Course Name	Hrs	Lamar	Course Name	Hrs		
L&PS Core	Life & Physical Sciences Core	4	MATH 2318	Linear Algebra	3		
MATH 2413	Calculus I	4	COSC 2324	Mobile Computer Game Development	3		
COSC 3306	UNIX/C++	3	COSC 2375	Discrete Structures	3		
COSC 1324	Art of Computer Game Development	3	COSC 1172	Think, Speak, Write	1		
COSC 2336	Programming Fundamentals III	3	COSC 3308	Design Programming Languages	3		
			CPSC 4370	Artificial Intelligence	3		
Total		17	Total		16		
Summer Semester							
Lamar	Course Name	Hrs	Lamar	Course Name	Hrs		
Total		0	Total		0		
Fourth Year - Senior							
Fall Semester				Spring Semester			
Lamar	Course Name	Hrs	Lamar	Course Name	Hrs		
COSC 3304	Algorithms Design & Analysis	3	COSC 4325	Computer Game Development II	3		
COSC 3325	Computer Law/Ethics	3	CPSC 4381	Animation for Computer Graphics	3		
COSC 3302	Intro to Computer Theory	3	COSC 4319	Computer Graphics	3		
COSC 4324	Computer Game Development I	3	CPSC 4317	Computer Networks	3		
CPSC 4380	3D Modeling & Computer Graphics	3	COSC 4310	Computer Architecture	3		
COSC 4302	Operating Systems	3	COSC 4272	Senior Assessment	2		
Total		18	Total		17		
Notes:							