



Transfer Pathway: San Jacinto College AS
 Engineering, Civil to Lamar University BS Civil
 Engineering



First Year - Freshman							
Fall Semester				Spring Semester			
ENGR 1201^		Intro to Engineering	2^	MATH 2414		Calculus II	4
MATH 2413		Calculus I	4	PHYS 2125		Univ Physics I Lab	1
HIST 1301		U S History I	3	PHYS 2325		Univ Physics I	3
Total			14	Total			17

Summer Semester							
San Jac	Lamar	Course Name	Hrs	San Jac	Lamar	Course Name	Hrs
Total			0	Total			0

Second Year - Sophomore							
Fall Semester				Spring Semester			
San Jac	Lamar	Course Name	Hrs	San Jac	Lamar	Course Name	Hrs
ENGR 2301		Statics	3	GEOL 1303		Physical Geology Lecture	3
ENGR 2304^		Programming					
Total			0	Total			0

Summer Semester							
	Lamar	Course Name	Hrs	San Jac	Lamar	Course Name	Hrs
Total			0	Total			0

Third Year - Junior							
Fall Semester				Spring Semester			
San Jac	Course Name			Course Name			
	Intro to Theory of Statistical Inference			Engineering Materials Systems			
	Intro to Environmental Engineering			Engineering Hydrology			
	Structural Analysis			Water & Wastewater Treatment			
	Fluid Mechanics			Geo-technical Engineering			
	LPC Core			COMM Core			

Summer Semester							
Course Name				Course Name			

Fourth Year - Senior							
Fall Semester				Spring Semester			
Lamar	Course Name	Hrs		Lamar	Course Name	Hrs	
CVEN 4212	Senior Design	2		CVEN 4350	Hydraulic Engineering	3	
CVEN 4365	Intro to Transportation Engineering	3		CVEN 4390	Structural Steel Design	3	
CVEN Elective	CVEN Elective	3		CVEN 4313	Senior Design II	3	
CVEN 4340	Foundation Engineering	3		CVEN Elective	CVEN Elective	3	
CVEN 4380	Reinforced Concrete Design	3		CA Core	Creative Arts Core	3	
CVEN 4110	Professional Seminar	1					
Total		15		Total		15	

Notes:
 ^ENGR 2332 at San Jac or CVEN/MEEN 2372 at Lamar Mechanics of Solids is required for some Junior classes.
 ^ENGR 1201 will transfer only if the student has taken another course with programming see ENGR 2304. So the 2 credits transfers, not the 5 for both courses.
 Note that we do not accept Circuits so students should take GEOL 1301 and 1103.
 * If communication, creative arts or philosophy electives are taken at San Jac, they might transfer. Check Lamar for the approved options. (For instance Spanish 1311 is an option for the communication.)