

Blinn College AS Engineering – Mechanical to LU BS Mechanical Engineering

First Year at Blinn College	FALL			SPRING			SUMMER		
	Course	Title	Credit Hours	Course	Title	Credit Hours	Course	Title	Credit Hours
	ENGR 1201*	Intro to Engr.	2	ENGR 1304*	Engr. Graphics	3			
	MATH 2413	Calculus I	4	MATH 2414	Calculus II	4			
	CHEM 1409	Gen Chem for Engineers	4	PHYS 2325	University Physics I	3			
	ENGL 1301	English Comp I	3	PHYS 2125	University Physics I Lab	1			
	HIST Core	Core Course	3	ENGL 1302	English Comp II	3			
				HIST Core	Core Course	3			
	Fall Total Credit Hours		16	Spring Total Credit Hours		17	Summer Total Credit Hours		

Second Year at Blinn College	FALL			SPRING			SUMMER		
	Course	Title	Credit Hours	Course	Title	Credit Hours	Course	Title	Credit Hours
	ENGR 2301	Statics	3	ENGR 2302	Dynamics	4	MEEN 2112	Intro to Programming	1
	MATH 2415	Calculus III	4	ENGR 2405	Electrical Circuits	3	MATH 2318	Linear Algebra	3
	PHYS 2326	University Physics II	3	ENGR 2332	Mechanics of Materials	3	INEN 2373	Engr. Econ	3
	PHYS 2126	University Physics II Lab	1	PHIL 2306**	Ethics	3	MEEN 2374	Thermo I	3
	CA Core	Creative Arts Core	3				MATH 3301	Differential Equations	3
	Fall Total Credit Hours		14	Spring Total Credit Hours		13	Summer Total Credit Hours		

Third Year at Lamar University	FALL			SPRING			SUMMER		
	Course	Title	Credit Hours	Course	Title	Credit Hours	Course	Title	Credit Hours
	MEEN 3340	Eng. Analysis	3	MEEN 3210	Meas. Lab	2			
	MEEN 3311	Fluid Mech.	3	MEEN 3310	Heat Transf.	3			
	INEN 3322	Process Eng.	3	MEEN 3300	Design of Mach.	3			
	ELEN 3310	Fund. Of EE	3	MEEN 3320	Mech. Design I	3			
	POLS 2301	American Govt I	3	Statistics	INEN 4320 or MATH 3370	3			
				POLS 2302	American Govt II	3			
	Fall Total Credit Hours		15	Spring Total Credit Hours		17	Summer Total Credit Hours		

Fourth Year at Lamar University	FALL			SPRING			SUMMER		
	Course	Title	Credit Hours	Course	Title	Credit Hours	Course	Title	Credit Hours
	MEEN 4110	Seminar	1	MEEN 4316	Eng. Design proj.	3			
	MEEN 4310	Int. Sys. Design	3	MEEN 4317	Dyn. Sys Analysis	3			
	MEEN 4313	Therm. Sys. Design	3	MEEN 4xxx	Tech Elective	3			
	MEEN 4319	Mat. Sci	3	Tech Elective	Free Tech. Elective	3			
	MEEN 4323	Mech. Design II	3						
	MEEN 4xxx	Elective	3						
Fall Total Credit Hours		16	Spring Total Credit Hours		12	Summer Total Credit Hours			

BLINN COLLEGE NOTES/COMMENTS:

LAMAR UNIVERSITY NOTES/COMMENTS:

*ENGR 1201 and ENGR 1304 are not used in the Mechanical Engineering degree.

**LU prefers students take PHIL 2306 Ethics to satisfy the Language, Philosophy, and Culture Core requirement.

***Students should complete the courses highlighted in blue by the end of year 2 in order to stay on track.

ENGR 2334 does not substitute for MEEN 2374.