



Blinn Associate of Science in Engineering - Mechanical to Lamar University Bachelor of Science in Mechanical Engineering Transfer Degree Map



4-Year Suggested Academic Plan for Transfer of the Associate of Science

Blinn College District

First Year-Freshman								
Fall Semester			Spring Semester			Summer		
Course	Title	Hrs	Course	Title	Hrs	Course	Title	Hrs
ENGR 1201*	Intro to Eng.	2	ENGR 1304*	Engineering 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			
Total		16	Total		17			

Second Year-Sophomore								
Fall Semester			Spring Semester			Summer		
Course	Title	Hrs	Course	Title	Hrs	Course	Title	Hrs
ENGR 2301	Statics	3	ENGR 2302	Dynamics	4	MEEN 2112	Intro to Prrgrmmng	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	1
CA Core Course	Core Course	3				MATH 3301	Diff Equat	3
Total		14	Total		13			13

Lamar University

Third Year-Junior					
Fall Semester			Spring Semester		
Course	Course Name	Hrs	Course	Course Name	Hrs
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	Am. Gov.	3	INEN 4320/Math 3370	Statistics	3
			POLS 2302	Am. Gov. II	3
Total		15	Total		17

Fourth Year-Senior					
Fall Semester			Spring Semester		
Course	Course Name	Hrs	Course	Course Name	Hrs
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	YYYY xxxx	Free Tech. Elective	3
MEEN 4323	Mech. Design II	3			
MEEN 4xxx	Elective	3			
Total		16	Total		12

Lamar University Notes/Comments:

* ENGR 1201 and ENGR 1304 are not used in the LU 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.