

Transfer Degree Map: LSC to PVAMU

Bachelor of Science in Mechanical Engineering



4 – Year Suggested Academic Plan for Transfer

It is important to satisfy all prerequisite and/or corequisite requirements prior to registering for certain courses. Another college/university may not accept credits taken out of sequence to fulfill degree requirements.

First Year - Freshman							
Fall Semester				Spring Semester			
LSC	University	Course Name	Hrs	LSC	University	Course Name	Hrs
EDUC 1300 (1)	N/A	Learning Framework: 1 st Year Exp.	3	HIST 1301	HIST 1313	U.S. History to 1877	3
MATH 2413	MATH 1124	Calculus I	4	MATH 2414	MATH 2024	Calculus II	4
CHEM 1411	CHEM 1033	General Chemistry I	4	ENGR 1304	MCEG 1021	Engineering Graphics I	3
ENGL 1301	ENGL 1123	Composition & Rhetoric I	3	ENGL 1302 (2)	ENGL 1143	Composition & Rhetoric II	3
ENGR 1201	MCEG 1011	Intro to Engineering	2	PHYS 2425	PHYS 2513/2511	University Physics I (prev. Mechanics & Heat)	4
Total			16	Total			17
Summer Session							
HIST 1302	HIST 1323	U.S. History Since 1877	3	GOVT 2305	POSC 1113	Federal Government	3
Total			3	Total			3
Second Year - Sophomore							
Fall Semester				Spring Semester			
LSC	University	Course Name	Hrs	LSC	University	Course Name	Hrs
MATH 2415	GNEG 1121/2021	Calculus III	4	MATH 2320	MATH 2043	Differential Equations	3
ENGR 2301	CVEG 2043	Engineering Mechanics: Statics	3	ENGR 2302	CVEG 2053	Engineering Mechanics: Dynamics	3
PHYS 2426	PHYS 2523/2521	University Physics II	4	ENGR 2405	ELEG 2053	Electrical Circuits I	4
ENGR 2304	ELEG 1043	Programming for Engineers	3	GOVT 2306	POSC 1123	Texas Government	3
				CHEM 1412	CHEM 1043/1021	General Chemistry II	4
Total			14	Total			17
Summer Bridge (LSC and PVAMU)							
ENGR 2334	MCEG 2013	Thermodynamics	3		MCEG 2023	Materials Science & Engineering	3
					CVEG 2063	Mechanics of Materials	3
Total			3	Total			6
Third Year - Junior							
Fall Semester				Spring Semester			
LSC	University	Course Name	Hrs	LSC	University	Course Name	Hrs
	MCEG 3043	Machine Design I	3		MCEG 3023	Thermodynamics II	3
	MATH 3023	Probability and Statistics	3		MCEG 3013	Heat Transfer	3
	CHEG 2003	Economic Analysis & Tech. Appl.	3		MCEG 3033/3031	Manufacturing Processes & Lab	4
	MCEG 3053	Kinematic Design and Analysis	3		MCEG 3021	Thermal Science Lab	1
	MCEG 3063	Fluid Mechanics	3		COMM 1003	Fundamentals of Speech	3
	MCEG 3011	Measurement/Instrumentation Lab	1				
Total			16	Total			14
Fourth Year - Senior							
Fall Semester				Spring Semester			
LSC	University	Course Name	Hrs	LSC	University	Course Name	Hrs
	MCEG 4093	Finite Element Analysis & Design	3		MCEG 4063	Dynamic Sys. & Controls	3
	MCEG 4472	Sr. Design & Professionalism I	2		MCEG 4482	Sr. Design & Professionalism II	2
	GNEG 3061	Intro to Engi. Proj. Management	1			Creative Arts Elective	3
	MCEG 4043	Machine Design II	3			Technical Elective	3
	MATH 4173	Adv. Math for Engineers	3			Language, Philosophy, Culture	3
		Technical Elective	3				
Total			15	Total			14

Notes/Comments:

- (1) EDUC 1300 only required for First Time in College (FTIC) students
- (2) PVAMU will accept ENGL 1302 in place of Technical Writing

Articulation Agreement Information – Standard and Program to Program (P2P)

Transfer of Credit & Student Benefits

- Direct Connect Scholarship available to full-time students:
 - Please refer to <https://www.pvamu.edu/recruitment/direct-connect-program/> for 2016-2017 scholarship criteria and program benefits.
 - Associate's degree and cumulative GPA 2.0-2.99 = \$4,000
 - Associate's degree and cumulative GPA 3.0-4.0 = \$5,000
 - 45 transferrable college level hours and Cum. GPA 2.5 = \$2,500
 - Scholarship based upon availability of funds and Community College Tuition and Mandatory Fees at the time of registration; subject to change for 2017-2018
- College students and employees will receive a **50%** reduction off the application fee
- Reverse transfer

Optional Partnership

- Joint Admissions
 - Student ID at LSC & PVAMU
 - Student computer/internet account at LSC & PVAMU
 - Student access to computer labs, libraries and employment opportunities at LSC & PVAMU
 - Student access to sporting events at PVAMU
 - Free electronic transfer transcript transmission/evaluation
 - Reduced application fee to PVAMU
- Cooperative Advising
 - Allows advising access at LSC and PVAMU for **all** degree programs at PVAMU for students admitted to PVAMU and all LSC students with expressed interest in transferring to PVAMU

Standard Agreement & P2P Agreement

(Associate of Science in Mechanical Engineering to Bachelor of Science in Mechanical Engineering)

Program Admission Requirements

- LSC students entering BS in Mechanical Engineering program at PVAMU must have a 2.5 GPA.

Program Specific Requirements

- PVAMU may accept less credit hours based on PVAMU's degree requirements. For instance, PVAMU's Mechanical Engineering program requires 1 credit hour in Engineering Graphics. LSC's coursework in Engineering Graphics I has 3 credit hours. Only 1 of the 3 credit hours in Engineering Graphics I will be accepted to PVAMU's Mechanical Engineering program.
- EDUC 1300 will not satisfy degree requirements at PVAMU but is required to complete degree at LSC (if First Time in College).
- It is important to satisfy all prerequisite and/or corequisite requirements prior to registering for certain courses. Another college/university may not accept credits taken out of sequence to fulfill degree requirements.

