TAMUK Bachelor of Science in Mechanical Engineering With ASES Transfer from SWTJC

Student Name _____ SWTJC ID# _____

SWTJC Email _____@SWTJC.EDU Advisor _____

☐ By checking this box, you agree to allow Southwest Texas Junior College (SWTJC) to share your directory information with Texas A & M Kingsville (TAMUK) for the purpose of tracking and transfer assistance that is part of the SWJTC/TAMUK Memorandum of Understanding. SWTJC and TAMUK will not share this information with any third party members.

_____ _____
Student's Signature Date

SWTJC Bridge Semester		**sch**				**sch**
EDUC 1200	Learning Framework[1]	2	**or**	COLS 0300	College Success Skills[1]	3
SWTJC Fall Semester Year 1				**SWTJC Spring Semester Year 1**		
HIST 1301✓	U. S. History I	3		ENGR 1304	Engineering Graphics	3
ENGL 1301✓	Composition I	3		ENGL 1302✓	Composition II	3
MATH 2413✓	Calculus I	4		MATH 2414	Calculus II	4
CHEM 1311✓	General Chemistry I	3		PHYS 2325 ✓	University Physics I	3
CHEM 1111	General Chemistry I Lab	1		PHYS 2125	University Physics I Lab	1
ENGR 1201	Introduction to Engineering*	2		GOVT 2306✓	Texas Government	3
		16				**17**
SWTJC Fall Semester Year 2		**sch**		**SWTJC Spring Semester Year 2**		**sch**
ENGR 2304	Programming for Engineers	3		ENGR 2305	Circuit Analysis I	3
ENGR 2301	Engineering Mechanics - Statics	3		ENGR 2105	Circuits Analysis I Lab*	1
MATH 2415	Calculus III	4		MATH 2320	Differential Equations	3
PHYS 2326 ✓	University Physics II	3		ENGR 2302	Engineering Mechanics - Dynamics	3
PHYS 2126	University Physics II Lab	1		ECON 2301✓	Principles of Macroeconomics	3
		14				**13**
Core Total SWTJC 27 + TAMUK 15 = 42 sch				**ASES SWTJC Total 60 sch**		

[1] EDUC 1200 required of all first time in college students. COLS 0300 required for students with any TSI deficiencies and does not count toward a degree.

Our faculty and staff are pleased that you have indicated interest in this TAMUK engineering degree program. To help you achieve your higher education aspirations a TAMUK advisor will provide you with additional information and any help you may need. On behalf of the College of Engineering, I want to welcome you and assure you that the SWTJC college level courses noted above will all transfer and, except for those marked with an asterisk (*), will apply toward the major you have indicated. You must earn a grade of "C" or higher in mathematics, science, and engineering courses in order to apply transfer coursework to your degree plan. You must also meet TAMUK's admission and GPA requirements. We look forward to your graduation.

_____ _____
Associate Dean, TAMUK Engineering Date

TAMUK Fall Semester Year 1		**sch**		**TAMUK Spring Semester Year 1**		**sch**
HIST 1302✓	U. S. History II	3		MEEN 3344[1]	Materials Science	3
POLS 2301✓	Government and Politics of the U.S.	3		MEEN 3145[1]	Materials Science Lab	1
Core Course✓	Language, Philosophy and Culture[2]	3		MEEN 2146[1]	Engineering Measurements	1
Core Course✓	Creative Arts[3]	3		CEEN 3311[1]	Mechanics III/ Strength of Materials	3
		12		COMS 2374✓	Professional Communication	3
						11
TAMUK Fall Semester Year 2		**sch**		**TAMUK Spring Semester Year 2**		**sch**
MEEN 3347	Thermodynamics	3		MEEN 3348	Heat Transfer	3
MEEN 3349	Fundamentals of MFG Processes	3		MEEN 3350	Design of Machine Elements	3
MEEN 3352	Kinematic Analysis of Machines	3		MEEN 4341	Applied Thermodynamics	3
MEEN 3392	Fluid Mechanics	3		MEEN 3360	Engineering Design & Simulation	3
CEEN 3317	Engineering Economy	3				**12**
		15				
TAMUK Fall Semester Year 3		**sch**		**TAMUK Spring Semester Year 3**		**sch**
MEEN 4131	Mechanical Engineering Lab	1		MEEN 4264	ME Senior Design Project II	2
MEEN 4263	ME Senior Design Project I	2			Engineering Elective[4]	3
MEEN 4344	Control of Systems	3			Engineering Elective[4]	3
MEEN 4351	Machine Design	3			Math Elective[4]	3
	Engineering Elective[4]	3				**11**
		12				
Total SWTJC 60 + TAMUK 73 = 133 sch				**BSME Complete Total 133 sch[5]**		

[1] Completion Curriculum courses that elevate a transfer student to junior standing in the major.
[2] Selected from TAMUK language, philosophy, and culture core courses ANTH 2302; or ENGL 2331, 2342, ENGL 2362; or FREN 1311, FREN 1312, FREN 2311, FREN 2312; or HIST 2321, HIST 2322; or PHIL 1301; or SPAN 1313, SPAN 1314, SPAN 1373, SPAN 2301, SPAN 2302, SPAN 2311, SPAN 2312.
[3] Selected from TAMUK creative arts core courses ARTS 1303, COMM 2304, MUSI 2306, MUSI 2308, MUSI 2310, or THEA 2310.
[4] See TAMUK current catalog for selection of math and engineering electives.
[5] TAMUK native students graduate with 132 SCH, 1 sch less than SWTJC transfer students.

Revised: 2/12/17 by BB