



# TAMUK Bachelor of Science in Environmental 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 1100	Learning Framework <sup>1</sup>	2	or	COLS 0300	College Success Skills <sup>1</sup>	3
<b>SWTJC Fall Semester Year 1</b>				<b>SWTJC Spring Semester Year 1</b>		
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
		<b>16</b>				<b>17</b>
<b>SWTJC Fall Semester Year 2</b>				<b>SWTJC Spring Semester Year 2</b>		
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
		<b>14</b>				<b>13</b>
<b>Core Total SWTJC 27 + TAMUK 15 = 42 sch</b>				<b>ASES SWTJC Total 60 sch</b>		

<sup>1</sup> EDUC 1100 required of all first time in college students. COLS 0300 required for students with any TSI deficiencies and does not count toward a degree.

<sup>2</sup> ENGR 2301 and ENGR 2302 would be combined for credit in MEEN 2355 at TAMUK.

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
CHEM 1312	Inorganic Chemistry II <sup>1</sup>	3		EVEN 2311	Envir. Engr. Ethics & Policy <sup>1</sup>	3
CHEM 1112	Inorganic Chemistry II Lab <sup>1</sup>	1		CEEN 3317	Engineering Economy	3
EVEN 2310	Introduction to Environmental Engineering <sup>1</sup>	3		BIOL 1306	General Biology I <sup>1</sup>	3
COMS 2374 ✓	Professional Communication	3		Core Course ✓	Creative Arts <sup>3</sup>	3
Core Course ✓	Language, Philosophy and Culture <sup>2</sup>	3				<b>12</b>
		<b>13</b>				
<b>TAMUK Fall Semester Year 2</b>				<b>TAMUK Spring Semester Year 2</b>		
CHEM 3323	Organic Chemistry	3		EVEN 3328	Environ. Engr. Process Fundamentals	3
CHEM 3123	Organic Chemistry Lab	1		MEEN/CHEN 3347	Thermodynamics	3
CEEN 3392	Hydraulics and Fluid Mechanics	3		POLS 2301 ✓	Government and Politics of the U.S.	3
EVEN 3321	Environmental Engineering Lab	3		Engr. Elective <sup>1</sup>		3
EVEN 3320	Chemical Principles of Environ. Engineers	3				<b>12</b>
		<b>13</b>				
<b>TAMUK Fall Semester Year 3</b>				<b>TAMUK Spring Semester Year 3</b>		
EVEN 4102	Environmental Engineering Design I	1		EVEN 4301	Water and Wastewater Treatment	3
EVEN 4386	Air Pollution Control	3		EVEN 4303	Environmental Engineering Design II	3
STAT 4303	Statistical Methods	3		EVEN 4304	Water Resources & Adv. Comptr. Methods	3
EVEN 4306	Solid & Hazardous Waste Fundamentals	3		GEOL 4425 or	Hydrogeology	4
HIST 1302 ✓	U. S. History II	3		PLSS 3410	Principles of Soil Sciences	
		<b>13</b>				<b>13</b>
<b>Total SWTJC 60 + TAMUK 76 = 136 sch</b>				<b>BSEVE Complete Total 146 sch<sup>5</sup></b>		

<sup>1</sup> Completion Curriculum courses that elevate a transfer student to junior standing in the major.

<sup>2</sup> 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.

<sup>3</sup> Selected from TAMUK creative arts core courses ARTS 1303, COMM 2304, MUSI 2306, MUSI 2308, MUSI 2310, or THEA 2310.



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<sup>4</sup> See current TAMUK catalog for selection of engineering electives.

<sup>6</sup> TAMUK native students graduate with 128 SCH, 9 sch less than SWTJC transfer students.