AS – Math to
BS – Mathematics
2024-2025 Transfer Pathway

AS Degree Requirements							
McLennan Community College (MCC)							
MCC	**TAMUCT**	**Course Name**	**SCH**	**MCC**	**TAMUCT**	**Course Name**	**SCH**
PSYC 1100	PSYC 1100	Learning Framework	1	MATH 2415	MATH 2415	Calculus III	4
MATH 2413	CORE 020	Calculus I	4	MATH 2318	MATH 2318	Linear Algebra	3
CORE 080	CORE 080	Social/Behavioral Science Core	3	GOVT 2305	CORE 070	Federal Government	3
ENGL 1301	CORE 010	Composition I	3	PHYS 2426	CORE 030	University Physics II	4
HIST 1301	CORE 060	United States History I	3	MATH 1342 or MATH 2305	MATH 1342 or MATH 2305	Elementary Statistical Methods or Discrete Mathematics	3
MATH 2414	CORE 090	Calculus II	4	MATH 2320	MATH 2320	Differential Equations	3
PHYS 2425	CORE 030	University Physics I	4	GOVT 2306	CORE 070	Texas Government	3
COSC 1336	COSC 1336	Programming Fundamentals I	3	CORE 040	CORE 040	Language, Philosophy, & Culture Core	3
Speech	CORE 010	Speech	3	CORE 050	CORE 050	Creative Arts Core	3
HIST 1302	CORE 060	United States History II	3				
						Subtotal	**60**

Additional Lower-Level Degree Requirements			
McLennan Community College (MCC) or Texas A&M University – Central Texas (TAMUCT)			
MCC	**TAMUCT**	**Course Name**	**SCH**
Any Level Support Field Elective[1,2,4]	Any Level Support Field Elective	Any Level Support Field Elective	7
		Subtotal	**7**

Upper-Level Degree Requirements						
Texas A&M University - Central Texas (TAMUCT)						
TAMUCT	**Course Name**	**SCH**	**TAMUCT**	**Course Name**	**SCH**
MATH 3350	Principles of Bio-Statistics	3	MATH 3360	Numerical Analysis I	3
MATH 3301	Number Theory	3	MATH 3370	An Introduction to Linear Programming	3
MATH 3309	Algebraic Function	3	MATH 4302[3]	College Geometry	3
MATH 3315	Mathematics & Technology	3	MATH 4304	Survey of Mathematical Ideas (and)	3
Upper-Level Computer Science Elective	Upper-Level Computer Science Elective	3	MATH 4304L	Survey of Mathematical Ideas Lab	1
MATH 3310	Discrete Mathematics	3	MATH 4309	Advanced Analysis I	3
MATH 3311	Probability & Statistics I	3	Upper-Level Support Field Elective[4]	Upper-Level Support Field Elective	12
MATH 3332	Linear Algebra	3	MATH 4332	Abstract Algebra	3
				Subtotal	**55**
				Total	**122**

Notes/Comments
TAMUCT offers upper-level courses (3xxx-5xxx labeled courses), all lower-level courses (1xxx-2xxx labeled courses) will need to be completed at MCC. A minimum of 120 semester credit hours is required for all baccalaureate degrees. Pathways may exceed 120 semester credit hours as some courses necessary for the associate degree are transferable but not applicable to the baccalaureate degree. For help with pathway planning, students should speak with an academic advisor or enrollment specialist. *This pathway is intended for planning and visualization purposes only.*

1. The **AS** does not meet all the course requirements for the bachelor's degree. Students will need to complete the remaining lower-level courses at MCC. It is recommended to seek guidance from a **financial aid advisor** regarding the consortium agreement process.
2. Any-level electives may be taken at MCC or TAMUCT. It is advisable to consult with an **academic advisor** prior to selecting any-level electives.
3. MATH 4302 may be taken in the summer.
4. Courses for the support field should be chosen from an academic area in which mathematics is applicable and must be selected in consultation with the program coordinator or department chair.