AS – Business Administration – Field of Study to BBA – Computer Information Systems Software and Database Design Concentration 2025-2026 Transfer Pathway

Central Texas College							
AAS Degree Requirements							
CTC	**Course Name**	**SCH**	**TAMUCT**	**CTC**	**Course Name**	**SCH**	**TAMUCT**
BUSI 1301	Business Principles	3	*BUSI 1301*	ACCT 2301	Principles of Financial Accounting	3	*CORE 090*
CORE 030	Life and Physical Science Core	4	*CORE 030*	PHIL 1301	Introduction to Philosophy	3	*CORE 040*
HIST 1301	United States History I	3	*CORE 060*	GOVT 2305	Federal Government	3	*CORE 070*
ENGL 1301	Composition I	3	*CORE 010*	ENGL 1302	Composition II	3	*CORE 090*
BCIS 1305	Business Computer Applications	3	*BCIS 1305*	EDUC 1100	Learning Frameworks	1	*EDUC 1100*
CORE 030	Life and Physical Science Core	4	*CORE 030*	ACCT 2302	Principles of Managerial Accounting	3	*ACCT 2302*
HIST 1302	United States History II	3	*CORE 060*	GOVT 2306	Texas Government	3	*CORE 070*
ECON 2301	Principles of Macroeconomics	3	*CORE 080*	ECON 2302	Principles of Microeconomics	3	*CORE 090*
MATH 1324	Mathematics for Business and Social Sciences	3	*CORE 020*	SPCH 1321	Business and Professional Communication	3	*CORE 010*
BUSI 2305	Business Statistics	3	*BUSI 2305*	CORE 050	Creative Arts Core	3	*CORE 050*
						Subtotal	**60**

Central Texas College or Texas A&M University – Central Texas			
Additional Lower-Level Degree Requirements			
Central Texas College	**Texas A&M University – Central Texas**	**Course Name**	**SCH**
BUSI 2301[1,2]	BUSI 2301	Business Law	3
COSC 1315[1,3]	COSC 1315	Fundamentals of Programming	3
COSC 1320 or COSC 1336[1,4]	COSC 1320 or COSC 1336	C Programming I or Programming Fundamentals I	3
		Subtotal	**9**

Texas A&M University - Central Texas					
BBA Degree Requirements					
TAMUCT	**Course Name**	**SCH**	**TAMUCT**	**Course Name**	**SCH**
BUSI 3301	Professionalism and Communication in Business	3	CIS 3365	System Analysis and Design	3
CIS 3302	Introduction to Business Analytics	3	CIS 4301	Database Theory and Practices	3
FIN 3301	Financial Management I	3	CIS 4350	Management Information Systems	3
MKTG 3301	Marketing	3	CIS 4351	IS Project Management	3
MGMT 3350	Management and Organizational Behavior	3	CIS 4340	Algorithm Design and Analysis	3
CIS 3347	Data Communications and Infrastructure	3	CIS 4352	Structured Query Language	3
CIS 3360	Ethics in Computing	3	CIS 4360	Strategic Information Systems	3
CIS 3340 CIS 3341 CIS 3342 or CIS 3343	Advanced C++ Programming Advanced Visual Basic Programming Advanced Java Programming or C# Programming for Windows and the Web	3	BUSI 4359	Business Strategy	3
CIS 4341	Information Technology Security and Risk Management	3	CIS 4379	Software Engineering for E-Business	3
CIS 3351	Data Structures	3	BUSI 4090	Business Capstone Assessment	0
				Subtotal	**57**
				Total	**126**

Notes/Comments

TAMUCT offers upper-level courses (those labeled 3XXX-5XXX), while all lower-level courses (those labeled 1XXX-2XXX) should be completed at CTC. A minimum of 120 semester credit hours is required for all baccalaureate degrees. Pathways may exceed 120 semester credit hours, as certain courses required for the associate degree are transferable but not applicable to the baccalaureate degree. For help with pathway planning, please speak with an academic advisor or enrollment specialist. *This pathway is intended for planning and visualization purposes and is subject to change.*

1. The **AS** does not fulfill all the lower-level courses required for the undergraduate degree. Students will need to complete the remaining lower-level courses at CTC. Please discuss the consortium agreement procedure with a TAMUCT financial aid advisor.
2. Students may fulfill this degree requirement by successfully completing BUSI 3332 at TAMUCT.
3. Students may fulfill this degree requirement by successfully completing CIS 3303 at TAMUCT.
4. Students may fulfill this degree requirement by successfully completing CIS 3330, CIS 3331, or CIS 3332 at TAMUCT.