



AA – Computer Information Systems to
BBA – Computer Information Systems –
Software and Database Design Concentration
2024-2025 Transfer Pathway



Alamo College District							
AA Degree Requirements							
Alamo	Course Name	SCH	TAMUCT	Alamo	Course Name	SCH	TAMUCT
EDUC 1300	Learning Framework	3	EDUC 1300	GOVT 2305	Federal Government	3	CORE 070
ENGL 1301	Composition I	3	CORE 010	ACCT 2301	Principles of Financial Accounting	3	CORE 090
MATH 1324	Mathematics for Business & Social Sciences	3	CORE 020	COSC 1336 or COSC 1320	Programming Fundamentals I or Programming in C	3	COSC 1336 or COSC 1320
BCIS 1305	Business Computer Applications	3	BCIS 1305	CORE 030	Life and Physical Sciences Core	3	CORE 030
ENGL 1302 or ENGL 2311	Composition II or Technical Writing	3	ENGL 1302 or ENGL 2311	CORE 060	American History Core	3	CORE 060
ECON 2301	Principles of Macroeconomics	3	CORE 080	GOVT 2306	Texas Government	3	CORE 070
COSC 1315	Introduction to Computer Programming	3	COSC 1315	ACCT 2302	Principles of Managerial Accounting	3	ACCT 2302
BUSI 2301	Business Law I	3	BUSI 2301	SPCH 1311 SPCH 1315 or SPCH 1321	Introduction to Speech Communication Public Speaking or Business and Professional Communication	3	CORE 010
CORE 050	Creative Arts Core	3	CORE 050	CORE 030	Life and Physical Sciences Core	3	CORE 030
CORE 040	Language, Philosophy & Culture Core	3	CORE 040	ECON 2302	Principles of Microeconomics	3	CORE 090
CORE 060	American History Core	3	CORE 060	BUSI 2305	Business Statistics	3	BUSI 2305
						Subtotal	66

Alamo College District or Texas A&M University – Central Texas			
Additional Lower-Level or Upper-Level Degree Requirements			
Alamo	TAMUCT	Course Name	SCH
			Subtotal
			0

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	Advanced C++ Programming	3	BUSI 4359	Business Strategy	3
CIS 3341	Advanced Visual Basic Programming				
CIS 3342 or CIS 3343	Advanced Java Programming or C# Programming for Windows and the Web				
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
					123

Notes/Comments

TAMUCT offers upper-level courses (those labeled 3XXX-5XXX), while all lower-level courses (those labeled 1XXX-2XXX) should be completed at Alamo. 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.