AA – Computer Information Systems to BS – Computer Information Systems – Cybersecurity 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*	ECON 2302	Principles of Microeconomics	3	*CORE 080*
ENGL 1301	Composition I	3	*CORE 010*	COSC 1336 *or* COSC 1320	Programming Fundamentals I *or* Programming in C	3	*COSC 1336 or COSC 1320*
MATH 1324	Mathematics for Business & Social Sciences	3	*CORE 020*	CORE 030	Life and Physical Sciences Core	3	*CORE 030*
COSC 1315	Introduction to Computer Programming	3	*COSC 1315*	CORE 060	American History Core	3	*CORE 060*
ENGL 1302 *or* ENGL 2311	Composition II *or* Technical Writing	3	*CORE 090*	GOVT 2306	Texas Government	3	*CORE 070*
BCIS 1305 *or* COSC 1301	Business Computer Applications *or* Introduction to Computing	3	*BCIS 1305 or COSC 1301*	SPCH 1311 SPCH 1315 *or* SPCH 1321	Introduction to Speech Communication Public Speaking *or* Business and Professional	3	*CORE 010*
CORE 050	Creative Arts Core	3	*CORE 050*	CORE 030	Life and Physical Sciences Core	3	*CORE 030*
Elective	Elective	3	*Elective*	CORE 040	Language, Philosophy & Culture Core	3	*CORE 090*
CORE 060	American History Core	3	*CORE 060*	Elective	Elective	3	*Elective*
CORE 040	Language, Philosophy & Culture Core	3	*CORE 040*	Elective	Elective	3	*Elective*
GOVT 2305	Federal Government	3	*CORE 070*	Elective	Elective	3	*Elective*
						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
BUSI 2305[1]	BUSI 2305	Business Statistics	3
CIS Elective[1]	CIS Elective	CIS Elective	3
		Subtotal	**6**

Texas A&M University - Central Texas

BS Degree Requirements

TAMUCT	Course Name	SCH	TAMUCT	Course Name	SCH
CIS 3315	Web Site Development and Design	3	CIS 4301	Database Theory and Practices	3
CIS 4341	Information Technology Security and Risk Management	3	CIS 4345	Network and Systems Security	3
CIS 3347	Data Communications and Infrastructure	3	CIS 4346	Applied Security	3
CIS 3361	Introduction to Computer Forensics	3	CIS 4360	Strategic Information Systems	3
CIS 4342	Computer Security Principles and Practices	3	CIS 4351	IS Project Management	3
CIS 3360	Ethics in Computing	3	CIS 4348	Security Trends and Malware Analysis	3
CIS 4350	Management Information Systems	3	CIS 4090	Computer Information Systems Capstone Assessment	0
CIS 3365	System Analysis and Design	3	UL CIS Electives *or* UL COSC Electives	Upper-Level CIS Electives *or* Upper-Level COSC Electives	6
				Subtotal	**48**
				Total	**120**

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.*

1. The **AA** does not fulfill all the lower-level courses required for the undergraduate degree. Students will need to complete the remaining lower-level courses at Alamo. Please discuss the consortium agreement procedure with a TAMUCT financial aid advisor.