AAS – Cybersecurity and Information Assurance to BAAS – Information Technology – Without Concentration
2024-2025 Transfer Pathway

Alamo College District

AAS Degree Requirements

Alamo	Course Name	SCH	TAMUCT	Alamo	Course Name	SCH	TAMUCT
ITCC 1414[1]	CCNA 1: Introduction to Networks	4	ITCC 1414	CORE 040	Language, Philosophy & Culture Core	3	CORE 040
ITCC 1444[1]	CCNA 2: Switching, Routing, and Wireless Essentials	4	ITCC 1444	ITSY 2286[1]	Internship - Computer and Information Systems Security	2	ITSY 2286
ITNW 1308[1]	Implementing and Supporting Client Operating Systems	3	ITNW 1308	ITSY 2442[1]	Incident Response and Handling	4	ITSY 2442
CORE 080	Social and Behavioral Sciences Core	3	CORE 080	ITCC 2343[1]	Network Security	3	ITCC 2343
CORE 010	Communications Core	3	CORE 090	ENGL 1302 or ENGL 2311	Composition II or Technical Writing	3	CORE 010
ITSC 1316[1]	Linux Installation and Configuration	3	ITSC 1316	CORE 050	Creative Arts Core	3	CORE 050
ITSY 1300[1]	Fundamentals of Information Security	3	ITSY 1300	GOVT 2305	Federal Government	3	CORE 070
ITNW 2473[1]	Amazon Cloud Foundations (AWS)	4	ITNW 2473	COSC 1336	Programming Fundamentals I	3	CORE 090
ITSC 2325[1]	Advanced Linux	3	ITSC 2325	CORE 060	American History Core	3	CORE 060
ENGL 1301	Composition I	3	CORE 010	CORE 030	Life and Physical Sciences Core	3	CORE 030
ITSY 2443[1]	Computer System Forensics	4	ITSY 2443	GOVT 2306	Texas Government	3	CORE 070
CORE 020	Mathematics Core	3	CORE 020	CORE 060	American History Core	3	CORE 060
ITCC 2420[1]	CCNA 3: Enterprise Networking, Security, and Automation	4	ITCC 2420	CORE 030	Life and Physical Sciences Core	3	CORE 030
ITSY 2430[1]	Intrusion Detection	4	ITSY 2430				

						Subtotal	87

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[2]	BUSI 2305	Business Statistics	3
		Subtotal	3

Texas A&M University - Central Texas

BAAS Degree Requirements

TAMUCT	Course Name	SCH	TAMUCT	Course Name	SCH
CIS 3347	Data Communications and Infrastructure	3	CIS 4341	Information Technology Security and Risk Management	3
CIS 3360	Ethics in Computing	3	CIS 4360	Strategic Information Systems	3
CIS 4350	Management Information Systems	3	UL CIS Electives	Upper-Level CIS Electives	9
CIS 3365	System Analysis and Design	3	UL CIS Electives or UL COBA Electives	Upper-Level CIS Electives or Upper-Level COBA Electives	9
CIS 4301	Database Theory and Practices	3	CIS 4090	Computer Information Systems Capstone Assessment	0

				Subtotal	39
				Total	129

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. For the Occupational/Technical Specialization credits, students must have a minimum of 12 semester credit hours consisting of technical, occupational, and military training and many include academic electives to complete the maximum allowable 36 semester credit hours.
2. The **AAS** 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.