AAS – Network and Cloud Architecture (NVC) 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*	ITNW 2475[1]	Amazon Cloud Computing Architecture (AWS)	4	*ITNW 2475*
ITCC 1444[1]	CCNA 2: Switching, Routing, and Wireless Essentials	4	*ITCC 1444*	CORE 080	Social and Behavioral Sciences Core	3	*CORE 080*
ENGL 1301	Composition I	3	*CORE 010*	ITNW 2327[1]	Advanced Cloud Concepts	3	*ITNW 2327*
COSC 1336	Programming Fundamentals I	3	*CORE 090*	CORE 040	Language, Philosophy & Culture Core	3	*CORE 040*
ITSC 1316[1]	Linux Installation and Configuration	3	*ITSC 1316*	ITNW 2264[1]	Practicum	2	*ITNW 2264*
CORE 010	Communication Core	3	*CORE 090*	CORE 060	American History Core	3	*CORE 060*
CORE 020	Mathematics Core	3	*CORE 020*	CORE 030	Life and Physical Sciences Core	3	*CORE 030*
ITCC 2420[1]	CCNA 3: Enterprise Networking, Security, and Automation	4	*ITCC 2420*	GOVT 2305	Federal Government	3	*CORE 070*
ITSC 2325[1]	Advanced Linux	3	*ITSC 2325*	CORE 060	American History Core	3	*CORE 060*
ITSY 1300[1]	Fundamentals of Information Security	3	*ITSY 1300*	ENGL 1302	Composition II	3	*CORE 010*
COSC 1437	Programming Fundamentals II	4	*COSC 1437*	GOVT 2306	Texas Government	3	*CORE 070*
ITNW 2473[1]	Amazon Cloud Foundations (AWS)	4	*ITNW 2473*	CORE 030	Life and Physical Sciences Core	3	*CORE 030*
ITNW 2474[1]	Amazon Cloud Developer (AWS)	4	*ITNW 2474*	CORE 050	Creative Arts Core	3	*CORE 050*
						Subtotal	**84**

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[3]	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	**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 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**.
3. Please see your advisor for information on recommended micro-credential course offerings.