AAS – Network Cloud Support and Cybersecurity to BAAS – Information Technology Cybersecurity Concentration 2022-2023 Transfer Pathway

AAS Degree Requirements
Central Texas College

CTC	TAMUCT	Course Name	SCH	CTC	TAMUCT	Course Name	SCH
COSC 1301	CORE 090	Introduction to Computing	3	ITNW 1336[2]	VOBU	Cloud Deployment and Infrastructure	3
ITSC 1316[2]	VOBU	Linux Installation and Configuration	3	ITSE 1329[2] or COSC 1315	VOBU or COSC 1315	Programming Logic and Design or Introduction to Computer Programming	3
ITCC 1314 or ITNW 1325[2]	VOBU	CCNA 1: Introduction to Networks or Fundamentals of Networking Technologies	3	ITSC 1415[2]	VOBU	Project Management	4
ITNW 1316[2]	VOBU	Network Administration	3	CORE 050	CORE 050	Creative Arts Core Selection	3
MATH 1342	CORE 020	Elementary Statistical Methods	3	SPCH 1321	CORE 010	Business and Professional Communication	3
ITSY 1342[2]	VOBU	Information Technology Security	3	CORE 080	CORE 080	Social and Behavioral Sciences Selection	3
ITSE 1359[2]	VOBU	Introduction to Scripting Languages	3	ITSW 1307[2]	VOBU	Introduction to Database	3
ITNW 1309[2]	VOBU	Fundamentals of Cloud Computing	3	ITNW 1454[2]	VOBU	Implementing and Supporting Servers	4
ENGL 1301	CORE 010	Composition I	3	ITNW 2427 or ITNW 2488[2]	VOBU	Advanced Cloud Concepts or Internship – Computer Systems Networking/Telecommunications	4
ITNW 1308[2]	VOBU	Implementing and Supporting Client Operating Systems	3				
						Subtotal	**60**

Additional Lower-Level or Upper-Level Degree Requirements
Central Texas College or Texas A&M University – Central Texas

Central Texas College	Texas A&M University - Central Texas	Course Name	SCH
CORE 030[1]	CORE 030	Life and Physical Science Core Selection	3
CORE 030[1]	CORE 030	Life and Physical Science Core Selection	3
CORE 040[1]	CORE 040	Language, Philosophy, and Culture Core Selection	3
CORE 060[1]	CORE 060	American History Core Selection	3
CORE 060[1]	CORE 060	American History Core Selection	3
CORE 070[1]	CORE 070	Government/Political Science Core Selection	3
CORE 070[1]	CORE 070	Government/Political Science Core Selection	3
COSC 1320 or COSC 1336[1]	CORE 090	C Programming I or Programming Fundamentals I	3
BUSI 2305[1]	BUSI 2305	Business Statistics	3
		Subtotal	**27**

Upper-Level Degree Requirements
Texas A&M University - Central Texas

Texas A&M University - Central Texas	Course Name	SCH	Texas A&M University - Central Texas	Course Name	SCH
CIS 4341	Information Technology Security and Risk Management	3	CIS 4301	Database Theory and Practices	3
CIS 3347	Data Communications and Infrastructure	3	CIS 4345	Network and Systems Security	3
CIS 3360	Ethics in Computing	3	CIS 4346	Applied Security	3
CIS 4350	Management Information Systems	3	CIS 4360	Strategic Information Systems	3
CIS 3361	Introduction to Computer Forensics	3	CIS 4348	Security Trends and Malware Analysis	3
CIS 4342	Computer Security Principles and Practices	3	Upper-Level CIS Elective	Upper-Level CIS Elective	3
CIS 3365	System Analysis and Design	3			
				Subtotal	**39**
				Total	**126**

Notes/Comments

The following Pathway Plan is suggested for full-time students. Part-time student will need more time to complete this pathway. For assistance with pathway planning, students should schedule an appointment with an academic advisor. This guide is for planning and visualization purposes only.

1. Not all Degree Requirement courses are completed with the **AAS**. Student will need to complete these remaining lower-level courses at the community college. Please consult a TAMUCT financial aid counselor regarding the consortium agreement process.
2. 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.