AAS – Cybersecurity – Cyber Defense Emphasis to BAAS – Information Technology Management and Networking Concentration 2023-2024 Transfer Pathway

AAS Degree Requirements
Dallas College

DC	TAMUCT	Course Name	SCH	DC	TAMUCT	Course Name	SCH
ENGL 1301	CORE 010	Composition I	3	ITMT 1357[1]	VO--	Administering a Windows Server Operating System	3
MATH 1314	CORE 020	College Algebra	3	ITSE 1370[1]	VO--	Introduction to Python Programming	3
ITCC 1314[1]	VO--	CCNA 1: Introduction to Networks	3	ITSY 1342[1]	VO--	Information Technology Security	3
ITSC 1316[1]	VO--	Linux Installation and Configuration	3	ITSY 2301[1]	VO--	Firewalls and Network Security Design	3
ITSC 1325[1]	VO--	Personal Computer Hardware	3	CORE 050	CORE 050	Creative Arts Core	3
SPCH 1321	CORE 010	Business and Professional Communication	3	CORE 080	CORE 080	Social/Behavioral Sciences Core	3
ITSY 1300[1]	VO--	Fundamentals of Information Security	3	ITSC 2325[1]	VO--	Advanced Linux	3
ITDF 1300[1]	VO--	Introduction to Digital Forensics	3	ITSY 2341[1]	VO--	Security Management Practices	3
ITMT 2305[1]	VO--	Designing and Implementing a Server Infrastructure	3	ITSY 2345[1]	VO--	Network Defense and Countermeasures	3
ITSC 1305[1]	VO--	Introduction to PC Operating Systems	3	ITSY 2372 or ITSY 2386[1]	VO--	Ethical Hacking and System Defense or Internship-Computer and Information Systems Security	3
						Subtotal	**60**

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

Dallas College	Texas A&M University - Central Texas	Course Name	SCH
CORE 030[2]	CORE 030	Life and Physical Science Core	3
CORE 030[2]	CORE 030	Life and Physical Science Core	3
CORE 040[2]	CORE 040	Language, Philosophy, and Culture Core	3
CORE 060[2]	CORE 060	American History Core	3
CORE 060[2]	CORE 060	American History Core	3
CORE 070[2]	CORE 070	Government/Political Science Core	3
CORE 070[2]	CORE 070	Government/Political Science Core	3
CORE 090[2]	CORE 090	Component Area Option Core	3
COSC 1320 or COSC 1336[2,3]	CORE 090	C Programming I or Programming Fundamentals I	3
BUSI 2305[2,4]	BUSI 2305	Business Statistics	3
		Subtotal	**30**

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 3347	Data Communications and Infrastructure	3	CIS 4335	UNIX Systems Administration	3
CIS 3360	Ethics in Computing	3	CIS 4376	Network Administration	3
CIS 3305	Operating Systems Theory and Practice	3	CIS 4360	Strategic Information Systems	3
CIS 4350	Management Information Systems	3	CIS 4345	Network and Systems Security	3
CIS 3365	System Analysis and Design	3	CIS 4378	Comprehensive Networking	3
CIS 4301	Database Theory and Practices	3	Upper-Level CIS Elective	Upper-Level CIS Elective	3
CIS 4341	Information Technology Security and Risk Management	3	CIS 4090	Computer Information Systems Capstone Assessment	0
				Subtotal	**39**
				Total	**129**

Notes/Comments

Texas A&M University - Central Texas only offers upper-level courses (3xxx-5xxx labeled courses), all lower-level courses (1xxx-2xxx labeled courses) will need to be completed at Dallas College.
For help with pathway planning, student should speak with an academic advisor. *This pathway is intended for planning and visualization purposes only.*

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. Not all Degree Requirement courses are completed with the AAS. Student will need to complete these remaining lower-level courses at Dallas College. Please discuss the consortium agreement procedure with a TAMUCT **financial aid advisor**.
3. Students can also fulfill this degree requirement by enrolling in CIS 3330, CIS 3331, or CIS 3332.
4. Students can also fulfill this degree requirement by enrolling in BUSI 3311.