AAS – Cloud Computing to BAAS – Information Technology Cybersecurity Concentration 2023-2024 Transfer Pathway

AAS Degree Requirements
Dallas College

DC	TAMUCT	Course Name	SCH	DC	TAMUCT	Course Name	SCH
POFI 1301 or ITSC 1301[2]	VO--	Computer Applications I or Introduction to Computers	3	ITNW 1354[2]	VO--	Implementing and Supporting Servers	3
ITSE 1303[2]	VO--	Introduction to mySQL	3	ITSE 1359[2]	VO--	Introduction to Scripting Languages	3
ITNW 1309[2]	VO--	Fundamentals of Cloud Computing	3	ITNW 1336[2]	VO--	Cloud Deployment and Infrastructure Management	3
ENGL 1301	CORE 010	Composition I	3	ITSC 1315[2]	VO--	Project Management Software	3
SPCH 1311 SPCH 1315 or SPCH 1321	CORE 010	Introduction to Speech Communication Public Speaking or Business and Professional Communication	3	CORE 020	CORE 020	Mathematics Core	3
ITNW 1325[2]	VO--	Fundamentals of Networking Technologies	3	ITSC 2335 or ITNW 2364[2]	VO--	Application Software Problem Solving or Practicum (or Field Experience) - Computer Systems Networking and Telecommunications	3
ITNW 1308[2]	VO--	Implementing and Supporting Client Operating Systems	3	ITNW 2327 or ITNW 1378[2]	VO--	Advanced Cloud Concepts or Cloud Networking	3
ITSC 1316[2]	VO--	Linux Installation and Configuration	3	ITSY 1342[2]	VO--	Information Technology Security	3
ITSE 1370 or ITSE 1329[2]	VO--	Introduction to Python Programming or Programming Logic and Design	3	ITSC 2325 or ITNW 1313[2]	VO--	Advanced Linux or Computer Virtualization	3
CORE 080	CORE 080	Social/Behavioral Science Core	3	CORE 050	CORE 050	Creative Arts Core	3
						Subtotal	**60**

Additional Lower-Level Degree Requirements
Dallas College

Dallas College	Texas A&M University - Central Texas	Course Name	SCH
CORE 030[1]	CORE 030	Life and Physical Science Core	3
CORE 030[1]	CORE 030	Life and Physical Science Core	3
CORE 040[1]	CORE 040	Language, Philosophy, and Culture Core	3
CORE 060[1]	CORE 060	American History Core	3
CORE 060[1]	CORE 060	American History Core	3
CORE 070[1]	CORE 070	Government/Political Science Core	3
CORE 070[1]	CORE 070	Government/Political Science Core	3
CORE 090[1]	CORE 090	Component Area Option Core	3
COSC 1320 or COSC 1336[1,3]	CORE 090	C Programming I or Programming Fundamentals I	3
BUSI 2305[1,4]	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 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	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. 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.
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.
3. Students may also fulfill this degree requirement by enrolling in CIS 3330, CIS 3331 or CIS 3332.
4. Students may also fulfill this degree requirement by enrolling in BUSI 3311.