AAS – Information Technology to
BAAS – Information Technology – Cybersecurity Concentration
2023-2024 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 1337[1]	VO--	Introduction to the Internet	3
ITSC 1309[1] or BCIS 1305	VO-- or BCIS 1305	Integrated Software Applications I or Business Computer Applications	3	ITSC 1325[1]	VO--	Personal Computer Hardware	3
ITNW 1325[1]	VO--	Fundamentals of Networking Technologies	3	ITSE 1329[1] or COSC 1315	VO-- or COSC 1315	Programming Logic and Design or Introduction to Computer Programming	3
ENGL 1301	CORE 010	Composition I	3	SPCH 1318 or SPCH 1321	CORE 010	Interpersonal Communication or Business and Professional Communication	3
MATH 1414	CORE 020	College Algebra (Calculus Path)	4	COSC 1336	CORE 090	Programming Fundamentals I	3
CPMT 1345[1]	VO--	Computer Systems Maintenance	3	ITSW 1307[1]	VO--	Introduction to Database	3
ITSC 1415[1]	VO--	Project Management Software	4	IMED 1316[1]	VO--	Web Design I	3
ITSY 1342[1]	VO--	Information Technology Security	3	CORE 050	CORE 050	Creative Arts	3
CORE 040	CORE 040	Language, Philosophy and Culture Core	3	ITSC 2439 or ITSC 2486[1]	VO--	Personal Computer Help Desk Support or Internship - Computer and Information Sciences	4
CORE 080	CORE 080	Social and Behavioral Sciences Core	3				
						Subtotal	**60**

Additional Lower-Level Degree Requirements
Central Texas College

Central Texas 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 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
BUSI 2305[2,3]	BUSI 2305	Business Statistics	3
		Subtotal	**21**

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

TAMUCT	Course Name	SCH	TAMUCT	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	Elective	Upper-Level CIS Elective	3
CIS 3365	System Analysis and Design	3	CIS 4090	Computer Information Systems Capstone Assessment	0
				Subtotal	**39**
				Total	**120**

Notes/Comments

Texas A&M University - Central Texas (TAMUCT) only offers upper-level courses (3xxx-5xxx labeled courses), all lower-level courses (1xxx-2xxx labeled courses) will need to be completed at Central Texas College (CTC). A minimum of 120 semester credit hours is required for all baccalaureate degrees. Pathways may exceed 120 semester credit hours as some courses necessary for the associate degree are transferable but not applicable to the baccalaureate degree. For help with pathway planning, students should speak with an academic advisor.

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 these remaining lower-level courses at CTC. Please discuss the consortium agreement procedure with a TAMUCT financial aid advisor.
3. Students may fulfill this degree requirement by enrolling in BUSI 3311 at TAMUCT.