



**AAS – Network Administration with Cybersecurity to
BAAS – Information Technology
Cybersecurity Concentration
2023-2024 Transfer Pathway**



AAS Degree Requirements							
McLennan Community College							
MCLENNAN	TAMUCT	Course Name	SCH	MCLENNAN	TAMUCT	Course Name	SCH
BCIS 1305	CORE 090	Business Computer Applications	3	ITCC 2320 ²	VO--	CCNA 3: Entrprse/Ntwrk/Secur/Autom	3
ITSY 1342 ²	VO--	Information Tech Security	3	ITNW 1354 ²	VO--	Implementing and Support Servers	3
ITCC 1314 ²	VO--	CCNA 1: Introduction to Networks	3	ITSE 2309 ²	VO--	Database Programming	3
ITSE 1302 ²	VO--	Computer Programming	3	ITSY 2359 ²	VO--	Security Assessment & Auditing	3
ITSC 1305 ²	VO--	Introduction to PC Operating Systems	3	ITSC 2325 ²	VO--	Advanced Linux	3
ITSC 1316 ²	VO--	Linux Installation and Configuration	3	ENGL 1301 or ENGL 2311	CORE 010	Composition I or Technical & Business Writing	3
ITCC 1344 ²	VO--	CCNA 2: Switch/Rout/Wireless Essen	3	CORE 040	CORE 040	Language, Philosophy, & Culture Core	3
CORE 020	CORE 020	Mathematics Core	3	ITSY 2341 ²	VO--	Security Management Practices	3
ITSC 1325 ²	VO--	Personal Computer Hardware	3	ITSC 2339, ITSC 2386 or ITSY 2386 ²	VO--	Personal Computer Help Desk Support, Internship-Computer & Information Scien or Int- Computer & Information Systems Sec.	3
ITSY 2342 ²	VO--	Incident Response and Handling	3	CORE 080	CORE 080	Social/Behavioral Science Core	3
Subtotal							60

Additional Lower-Level or Upper-Level Degree Requirements			
McLennan Community College or Texas A&M University – Central Texas			
McLennan Community College	Texas A&M University - Central Texas	Course Name	SCH
CORE 010 ¹	CORE 010	Communications Core	3
CORE 030 ¹	CORE 030	Life and Physical Science Core	3
CORE 030 ¹	CORE 030	Life and Physical Science Core	3
CORE 050 ¹	CORE 050	Creative Arts 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
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 (TAMUCT)					
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	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 offers upper-level courses (3xxx-5xxx labeled courses), all lower-level courses (1xxx-2xxx labeled courses) will need to be completed at McLennan College.
For help with pathway planning, student should speak with an [academic advisor](#). *This pathway is intended for planning and visualization purposes only.*
- Not all Degree Requirement courses are completed with the AAS. Students will need to complete these remaining lower-level courses at McLennan College. Please discuss the consortium agreement procedure with a TAMUCT [financial aid advisor](#).
 - 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.
 - Students may also fulfill this degree requirement by enrolling in CIS 3330, CIS 3331 or CIS 3332 at TAMUCT.
 - Students may also fulfill this degree requirement by enrolling in BUSI 3311 at TAMUCT.