



**AAS – Information Systems & Applications 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
ARTC 1302 ²	VO--	Digital Imaging I	3	ENGL 1301 or ENGL 2311	CORE 010	Composition I or Technical & Business Writing	3
BCIS 1305	CORE 090	Business Computer Applications	3	IMED 1316 ²	VO--	Web Design I	3
COSC 1336	CORE 090	Programming Fundamentals I	3	ITSE 2309 ²	VO--	Database Programming	3
ITSC 1305 ²	VO--	Introduction to PC Operating Systems	3	ITCC 1314 or ITNW 1354 ²	VO--	CCNA 1: Introduction to Networks or Implementing and Support Servers	3
ITSY 1342 ²	VO--	Information Tech Security	3	ITSC 2325 or ITSY 2359 ²	VO--	Advanced Linux or Security Assessment & Auditing	3
ITSE 1311, ITSE 1302 or COSC 1337 ²	VO-- or COSC 1337	Beginning Web Programming, Computer Programming or Programming Fundamentals II	3	Elective ²	VO--	Computer Information Systems & Multimedia Elective	3
ITSW 1307 ²	VO--	Introduction to Database	3	ITSW 1304 ²	VO--	Introduction to Spreadsheets	3
ITSC 1316 or ITSY 2342 ²	VO--	Linux Installation and Configuration or Incident Response and Handling	3	ITSC 1325 ²	VO--	Personal Computer Hardware	3
CORE 040	CORE 040	Language, Philosophy, & Culture Core	3	ITSC 2339, ITSC 2386, ITSW 2386 or ITSY 2386 ²	VO--	Personal Computer Help Desk Support, Internship-Computer & Information Science, Internship-Data Processing/Data Process or Int- Computer & Information Systems Sec.	3
CORE 020	CORE 020	Mathematics Core	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
BUSI 2305 ^{1,3}	BUSI 2305	Business Statistics	3
Subtotal			27

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					126

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 BUSI 3311 at TAMUCT.