AAS – Network Administration – Cybersecurity to BAAS – Information Technology Software and Database Design Concentration 2022-2023 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 CCNA 3[2]	VOBU	Entrprse/Ntwrk/Secur/Autom	3
ITSY 1342[2]	VOBU	Information Tech Security	3	ITNW 1354[2]	VOBU	Implementing and Support Servers	3
ITCC 1314 CCNA 1[2]	VOBU	Introduction to Networks	3	ITSE 2309[2]	VOBU	Database Programing	3
ITSE 1302[2]	VOBU	Computer Programming	3	ITSY 2359[2]	VOBU	Security Assessment & Auditing	3
ITSC 1305[2]	VOBU	Introduction to PC Operating Systems	3	ITSC 2325[2]	VOBU	Advanced Linux	3
ITSC 1316[2]	VOBU	Linux Installation and Configuration	3	ENGL 1301 or 2311	CORE 010	Composition I or Technical & Business Writing	3
ITCC 1344 CCNA 2[2]	VOBU	Switch/Rout/Wireless Essen	3	CORE 040	CORE 040	Language, Philosophy & Culture Core Selection	3
CORE 020	CORE 020	Mathematics Core Selection	3	ITSY 2341[2]	VOBU	Security Management Practices	3
ITSC 1325[2]	VOBU	Personal Computer Hardware	3	ITSC 2339, 2386 or ITSY 2386[2]	VOBU	Personal Computer Help Desk, Internship – Computer & Information Science, or Internship – Computer & Information System Sec.	3
ITSY 2342[2]	VOBU	Incident Response and Handling	3	CORE 080	CORE 080	Social & Behavioral Science Core Selection	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 Selection	3
CORE 030[1]	CORE 030	Life and Physical Science Core Selection	3
CORE 030[1]	CORE 030	Life and Physical Science Core Selection	3
CORE 050[1]	CORE 050	Creative Arts Core Selection	3
CORE 060[1]	CORE 060	American History Core Selection	3
CORE 060[1]	CORE 060	American History Core Selection	3
CORE 070[1]	CORE 070	Government/Political Science Core Selection	3
CORE 070[1]	CORE 070	Government/Political Science Core Selection	3
COSC 1320 or 1336[1,3]	CORE 090	C Programming I or Programming Fundamentals I	3
BUSI 2305[1,3]	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 3351	Data Structures	3
CIS 3340, 3341, 3342 or 3343	Advanced C++ Programming, Advanced Visual Basic Programming, Advanced Java Programming or C# Programming for Windows and the Web	3	CIS 4360	Strategic Information Systems	3
CIS 3360	Ethics in Computing	3	CIS 4340	Algorithm Design and Analysis	3
CIS 3365	System Analysis and Design	3	CIS 4352	Structured Query Language	3
CIS 4301	Database Theory and Practice	3	CIS 4379	Software Engineering for E-Business	3
CIS 4341	Information Technology Security and Risk Management	3	Upper-Level CIS Elective	Upper-Level CIS Elective	3
CIS 4350	Management Information Systems	3			
				Subtotal	**39**
				Total	**129**

Notes/Comments

The following Pathway Plan is suggested for full-time students. Part-time student will need more time to complete this pathway. For assistance with pathway planning, students should schedule an appointment with an academic advisor. This guide is 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 the community college. Please consult a TAMUCT financial aid counselor regarding the consortium agreement process.
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. Please see your TAMUCT advisor for information on recommended Upper-Level course offerings.

Transfer Information

Transfer of Credit & Student Benefits

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- Personalized degree planning
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Start planning today. Schedule an appointment with a COBA academic advisor. Click HERE to find a time that meets your schedule.

Program Admission Requirements

Undergraduate Admission Requirements:

- Minimum 2.0 cumulative transfer GPA on a 4.0 scale
- Minimum 30 academic, college-level transferable hours
- Must be eligible to return to all previously attended institutions

Additional program admission standards may apply. Visit degree program pages or speak with an A&M-Central Texas admission counselor for additional information.

Get Connected. Meet in-person, virtually, or via the phone with an admissions counselor today. Click HERE to schedule an appointment convenient for you.

Graduate Studies

Continue to advance your skills and new career opportunities with a graduate degree from
Texas A&M University - Central Texas. Click to learn more about the following graduate degrees:

Master of Business Administration
- Computer Information Systems
- Healthcare Administration
- Human Resource Management
- Management
- Data Analytics micro-credential (pending internal approval)
- Leadership for Sustainability

Master of Science – Accounting
Master of Science – Information Systems
Master of Science – Leadership for Sustainability

Graduate Certificates
Healthcare Administration
Leadership for Sustainability