



AA – Computer Information Systems to BS – Computer Information Systems Cybersecurity Concentration 2024-2025 Transfer Pathway



AA Degree Requirements							
Temple College							
TC	TAMUCT	Course Name	SCH	TC	TAMUCT	Course Name	SCH
ENGL 1301	CORE 010	Composition I	3	COSC 2436	COSC 2436	Programming Fundamentals III	4
MATH 1314 or MATH 1324	CORE 020	College Algebra or Mathematics for Business & Social Sciences	3	CORE 030	CORE 030	Life/Physical Science Core	3
ENGL 1302	CORE 090	Composition II	3	CORE 030	CORE 030	Life/Physical Science Core	3
COSC 1301 or BCIS 1305	COSC 1301 or BCIS 1305	Introduction to Computing or Business Computer Applications	3	SPCH 1311 SPCH 1315 or SPCH 1321	CORE 010	Introduction to Speech Communication Public Speaking or Business and Professional Communication	3
ECON 2301	ECON 2301	Principles of Macroeconomics	3	GOVT 2305	CORE 070	Federal Government	3
COSC 1436	COSC 1436	Programming Fundamentals I	4	ACCT 2301	CORE 090	Principles of Financial Accounting	3
ECON 2302	CORE 080	Principles of Microeconomics	3	GOVT 2306	CORE 070	Texas Government	3
COSC 1437	COSC 1437	Programming Fundamentals II	4	CORE 050	CORE 050	Creative Arts Core	3
HIST 1301	CORE 060	United States History I	3	HIST 1302	CORE 060	United States History II	3
CORE 040	CORE 040	Language, Philosophy, Culture Core	3				
Subtotal							60

Additional Lower-Level Degree Requirements			
Temple College or Texas A&M – Central Texas			
Temple College	Texas A&M University - Central Texas	Course Name	SCH
BUSI 2305 ^{1,2}	BUSI 2305	Business Statistics	3
COSC 1315 ^{1,3}	COSC 1315	Fundamentals of Programming	3
Any Level Elective ^{1,4,5}	Any Level Elective	Any Level Elective	6
Subtotal			12

Upper-Level Degree Requirements					
Texas A&M University - Central Texas					
TAMUCT	Course Name	SCH	TAMUCT	Course Name	SCH
CIS 3315	Web Site Development and Design	3	CIS 4301	Database Theory and Practices	3
CIS 4341	Information Technology Security and Risk Management	3	CIS 4345	Network and Systems Security	3
CIS 3347	Data Communications and Infrastructure	3	CIS 4346	Applied Security	3
CIS 3361	Introduction to Computer Forensics	3	CIS 4360	Strategic Information Systems	3
CIS 4342	Computer Security Principles and Practices	3	CIS 4351	IS Project Management	3
CIS 3360	Ethics in Computing	3	CIS 4348	Security Trends and Malware Analysis	3
CIS 4350	Management Information Systems	3	CIS or COSC Elective	Upper-Level CIS or COSC Elective	6
CIS 3365	System Analysis and Design	3	CIS 4090	Computer Information Systems Capstone Assessment	0
Subtotal					48
Total					120

Notes/Comments

TAMUCT offers upper-level courses (3xxx-5xxx labeled courses), all lower-level courses (1xxx-2xxx labeled courses) will need to be completed at TC. 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](#) or [enrollment specialist](#). *This pathway is intended for planning and visualization purposes and is subject to change.*

- The AA does not meet all the course requirements for the bachelor's degree. Students will need to complete the remaining lower-level courses at Temple College. It is recommended to seek guidance from a [financial aid advisor](#) regarding the consortium agreement process.
- Students may also fulfill this degree requirement by enrolling in BUSI 3311 at TAMUCT.
- Students may also fulfill this degree requirement by enrolling in CIS 3303 at TAMUCT.
- Any-level electives may be taken at either at Texas A&M University-Central Texas or at Temple College. Please consult with an academic advisor prior to selecting any-level electives.
- Lower-Level Electives, Any Level Electives, Component Area Options, or Degree Requirements (DEG REQ) may consist of the FOS courses: MATH 2413, MATH 2414, MATH 2305, COSC 1436, COSC 1437, COSC 2436, PHYS 2425, PHYS 2426 (or 3 credit hour lecture and 1 hour lab courses for PHYS), one of the following: COSC 2325, COSC 2425.