



AAS – Computer Application Technology to BAAS – Information Technology Software and Database Design Concentration 2024-2025 Transfer Pathway



AAS Degree Requirements							
Temple College							
TC	TAMUCT	Course Name	SCH	TC	TAMUCT	Course Name	SCH
ITSC 1305 ³	VO--	Introduction to PC Operating Systems	3	IT Elective ³	VO--	Information Technology Elective	3
COSC 1301	CORE 090	Introduction to Computing	3	IMED 1316 ³	VO--	Web Design I	3
BCIS 1305	BCIS 1305	Business Computer Applications	3	ITSW 1301 ³	VO--	Introduction to Word Processing	3
POFT 1329 or IT Elective ³	VO--	Beginning Keyboarding or Information Technology Elective	3	IMED 2311 ³	VO--	Portfolio Development	3
ITSW 1310 ³	VO--	Introduction to Presentation Graphics Software	3	ITSC 2386 ³	VO--	Internship - Computer and Information Sciences	3
COSC 1436	CORE 090	Programming Fundamentals I	4	ITSW 1304 ³	VO--	Introduction to Spreadsheets	3
ITSC 1315 ³	VO--	Project Management Software	3	CORE 040	CORE 040	Language, Philosophy, Culture Core	3
ENGL 1301	CORE 010	Composition I	3	Elective ³	VO--	Management Elective	3
ENGL 2311 or ENGL 1302	CORE 010	Technical and Business Writing or Composition II	3	CORE 080	CORE 080	Social/Behavioral Science Core	3
MATH 1332	CORE 020	Contemporary Mathematics	3	CORE 050	CORE 050	Creative Arts Core	3
ITSW 1307 ³	VO--	Introduction to Database	3				
Subtotal							61

Additional Lower-Level Degree Requirements			
Temple College or Texas A&M – Central Texas			
Temple College	Texas A&M University - Central Texas	Course Name	SCH
CORE 030 ¹	CORE 030	Life and Physical Science Core	3
CORE 030 ¹	CORE 030	Life and Physical Science 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 ^{1,2}	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 3347	Data Communications and Infrastructure	3	CIS 3351	Data Structures	3
CIS 3340	Advanced C++ Programming	3	CIS 4360	Strategic Information Systems	3
CIS 3341	Advanced Visual Basic Programming				
CIS 3342 or CIS 3343	Advanced Java Programming or C# Programming for Windows and the Web				
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 Practices	3	CIS 4379	Software Engineering for E-Business	3
CIS 4341	Information Technology Security and Risk Management	3	CIS Elective	Upper-Level CIS Elective	3
CIS 4350	Management Information Systems	3	CIS 4090	Computer Information Systems Capstone Assessment	0
Subtotal					39
Total					121

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 AAS 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. - 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.	