



**AAS – Computer Information Technology
Computer Programming to
BAAS – Information Technology
Without Concentration
2023-2024 Transfer Pathway**



AAS Degree Requirements							
Austin Community College							
ACC	TAMUCT	Course Name	SCH	ACC	TAMUCT	Course Name	SCH
EDUC 1100	EDUC 1100	Learning Framework: Effective Strategies for College Success	1	ITNW 1325 ²	VO--	Fundamentals of Networking Technologies	3
ENGL 2311	CORE 010	Technical and Business Writing	3	ITSE 2309 ²	VO--	Database Programming: Oracle	3
MATH 1342	CORE 020	Elementary Statistics	3	Elective ²	VO--	Computer Elective	3
COSC 1301	CORE 090	Introduction to Computing	3	ITSC 1325 ²	VO--	Personal Computer Hardware	3
COSC 1336	CORE 090	Programming Fundamentals I	3	ITSC 1307 ²	VO--	UNIX Operating System I	3
MATH 1324 MATH 1314 or MATH 1414	MATH 1324 MATH 1314 or MATH 1414	Mathematics for Business and Economics College Algebra or College Algebra for Pre-Calculus	3	Elective I or II ²	VO--	Programming Elective I or II	3
COSC 1337	COSC 1337	Programming Fundamentals II	3	Elective I or II ²	VO--	Programming Elective I or II	3
CORE 080	CORE 080	Social and Behavioral Sciences Core	3	ITSC 2264 or Elective II ²	VO--	Practicum - CIS, General or Programming Elective II	2
CORE 040	CORE 040	Language, Philosophy, and Culture Core	3	Elective II ²	VO--	Programming Elective II	3
SPCH 1311 SPCH 1315 SPCH 1318 or SPCH 1321	CORE 010	Introduction to Speech Communication Public Speaking Interpersonal Communication or Business & Professional Communication	3	Elective II ²	VO--	Programming Elective II	3
BCIS 2390	BCIS 2390	System Analysis and Design: Project Management	3				
Subtotal							60

Additional Lower-Level Degree Requirements			
Austin Community College			
Austin Community 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 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			24

Upper-Level Degree Requirements					
Texas A&M University - Central Texas (TAMUCT)					
TAMUCT	Course Name	SCH	TAMUCT	Course Name	SCH
CIS 3347	Data Communications and Infrastructure	3	CIS 4341	Information Technology Security and Risk Management	3
CIS 3360	Ethics in Computing	3	CIS 4360	Strategic Information Systems	3
CIS 4350	Management Information Systems	3	CIS 4090	Computer Information Systems Capstone Assessment	0
CIS 3365	System Analysis and Design	3	CIS Elective	Upper-Level CIS Electives	9
CIS 4301	Database Theory and Practices	3	CIS or COBA Elective ⁴	Upper-Level CIS or COBA Electives	9
Subtotal					39
Total					123

Notes/Comments

Texas A&M University - Central Texas only offers upper-level courses (3xxx-5xxx labeled courses), all lower-level courses (1xxx-2xxx labeled courses) will need to be completed at Austin Community College. For help with pathway planning, students should speak with an [academic advisor](#). *This pathway is intended for planning and visualization purposes only.*

1. The AAS does not fulfill all the lower-level courses required for the undergraduate degree. Students will need to complete these remaining lower-level courses at Austin Community College. Please discuss the consortium agreement procedure with a TAMUCT [financial aid advisor](#).
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. Students may fulfill this degree requirement by enrolling in BUSI 3311 at TAMUCT.
4. Please see your advisor for information on recommended micro-credential course offerings.