



**AAS – Mechatronics to
BAAS – Business
Computer Information Systems Concentration
2024-2025 Transfer Pathway**



AAS Degree Requirements							
BLINN College							
BLINN	TAMUCT	Course Name	SCH	BLINN	TAMUCT	Course Name	SCH
CETT 1302 ²	VO--	Electricity Principles	3	ELMT 2333 ²	VO--	Industrial Electronics	3
RBTC 1343 ²	VO--	Robotics	3	CETT 2337 ²	VO--	Microcomputer Control	3
INTC 1341 ²	VO--	Principles of Automatic Control	3	INTC 1312 ²	VO--	Instrumentation and Safety	3
MATH 1314	CORE 020	College Algebra	3	INMT 1305 ²	VO--	Introduction to Industrial Maintenance	3
ENGL 1301	CORE 010	Composition I	3	ECON 2302	CORE 080	Principles of Microeconomics	3
ELMT 1305 ²	VO--	Basic Fluid Power	3	ELMT 2339 ²	VO--	Advanced Programmable Logic Controllers	3
CETT 1349 ²	VO--	Digital Systems	3	ELMT 2341 ²	VO--	Electromechanical Systems	3
INMT 1317 ²	VO--	Industrial Automation	3	RBTC 2347 ²	VO--	Computer Integrated Manufacturing	3
SPCH 1321	CORE 010	Business & Professional Communication	3	ENTC 2310 ²	VO--	Machine Design	3
CORE 050	CORE 050	Creative Arts Core	3	ENTC 1381 ²	VO--	Cooperative Education - Engineering Technology	3
						Subtotal	60

Additional Lower-Level or Upper-Level Degree Requirements				
BLINN College or Texas A&M University – Central Texas				
BLINN College	Texas A&M University - Central Texas	Course Name	SCH	
CORE 030 ¹	CORE 030	Life and Physical Sciences Core	3	
CORE 030 ¹	CORE 030	Life and Physical Sciences Core	3	
CORE 040 ¹	CORE 040	Language, Philosophy, and Culture 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	
ACCT 2301 ¹	CORE 090	Principles of Financial Accounting	3	
ECON 2301 ¹	CORE 090	Principles of Macroeconomics	3	
ACCT 2302 ¹	ACCT 2302	Principles of Managerial Accounting	3	
MATH 1342 or BUSI 2305 ^{1,5}	MATH 1342 or BUSI 2305	Elementary Statistical Methods or Business Statistics	3	
			Subtotal	33

Upper-Level Degree Requirements					
Texas A&M University - Central Texas (TAMUCT)					
TAMUCT	Course Name	SCH	TAMUCT	Course Name	SCH
BUSI 3301	Professionalism and Communication in Business	3	CIS 4350	Management Information Systems	3
MGMT 3350	Management and Organizational Behavior	3	BUSI 4301	Business Ethics and Corporate Social Responsibility	3
FIN 3301 ⁴	Financial Management I	3	BUSI 4359	Business Strategy	3
MKTG 3301	Marketing	3	CIS 3365	System Analysis and Design	3
MKTG 3316 or MKTG 3318 ³	Consumer Behavior or Promotional Strategy				
CIS 3330	C++ Programming	3	CIS 4301	Database Theory and Practices	3
CIS 3331 or CIS 3332	Visual Basic Programming or Java Programming				
CIS 3347	Data Communications and Infrastructure	3	CIS 4341	Information Technology Security and Risk Management	3
				Subtotal	36
				Total	129

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 BLINN. 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, please speak with an academic advisor or enrollment specialist. This pathway is intended for planning and visualization purposes and is subject to change.	
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 BLINN. Please discuss the consortium agreement procedure with a TAMUCT financial aid advisor .	
2. This section has the following considerations:	
• May apply conferred Applied Arts and Sciences (A.A.S.) or Certificate of Completion (C.C.) • May consist of technical, vocational, or military credit (or a combination) • No student will be considered for the BAAS who has less than 12 semester credit hours in the combination of technical, vocational, or military training (12 hours must be technical/vocational training if no military training) • With the qualifying 12 semester credit hours, a student may include specified academic electives up to the maximum 36 semester credit hours. • A maximum of 36 semester credit hours will be allowed. • See the College of Business Administration's academic advisors for more information.	
3. If student passed MRKG 1311 as a part of their A.A.S. and received at least a B, one of the alternate MKTG courses listed should be taken. All others should complete MKTG 3301. Please speak with your advisor.	
4. Other field of study course may be used to satisfy requirement.	
5. Students may also fulfill this degree requirement by completing BUSI 3311 at TAMUCT.	