



**AAS – Electronics/Electro Mechanical Technology to
BAAS – Business – Computer Information Systems Concentration
2024-2025 Transfer Pathway**



Dallas College (DC)							
AAS Degree Requirements							
DC	Course Name	SCH	TAMUCT	DC	Course Name	SCH	TAMUCT
CETT 1403 ¹	DC Circuits	4	CETT 1403	MFGT 1406 ¹	Mechanical Principles in Automated Manufacturing	4	MFGT 1406
ELMT 1405 or HYDR 1445 ¹	Basic Fluid Power or Hydraulics and Pneumatics	4	ELMT 1405 or HYDR 1445	CETT 1425 ¹	Digital Fundamentals	4	CETT 1425
ENGL 1301	Composition I	3	CORE 010	ELPT 2419 or RBTC 1401 ¹	Programmable Logic Controllers I or Programmable Logic Controllers	4	ELPT 2419 or RBTC 1401
MATH 1314 or MATH 1332	College Algebra or Contemporary Mathematics	3	CORE 020	CORE 050	Creative Arts Core	3	CORE 050
EECT 1104 or EECT 1191 ¹	Electronic Soldering or Special Topics in Electrical, Electronic and Communications Engineering Technology/Technician	1	EECT 1104 or EECT 1191	ELPT 2455 ¹	Programmable Logic Controllers II	4	ELPT 2455
MFGT 1404 or ELPT 1441 ¹	Automated Manufacturing or Motor Control	4	MFGT 1404 or ELPT 1441	Elective ^{1,2}	Technical Elective	4	Elective
CETT 1405 ¹	AC Circuits	4	CETT 1405	ECON 2302	Principles of Microeconomics	3	CORE 080
ELPT 1455 or CETT 1429 ¹	Electronic Applications or Solid State Devices	4	ELPT 1455 or CETT 1429	CETT 1441 or CETT 2280 and CETT 2281 or CETT 2480 ¹	Solid State Circuits or Cooperative Education-Computer Engineering Technology/Technician and/or Cooperative Education-Computer Engineering Technology/Technician	4	CETT 1441 or CETT 2280 and CETT 2281 or CETT 2480
SPCH 1311	Introduction to Speech Communication	3	CORE 010				
						Subtotal	60

Dallas College (DC) or Texas A&M University – Central Texas (TAMUCT)			
Additional Lower-Level or Upper-Level Degree Requirements			
DC	TAMUCT	Course Name	SCH
CORE 030 ³	CORE 030	Life and Physical Science Core	3
CORE 030 ³	CORE 030	Life and Physical Science Core	3
CORE 040 ³	CORE 040	Language, Philosophy, and Culture Core	3
CORE 060 ³	CORE 060	American History Core	3
CORE 060 ³	CORE 060	American History Core	3
CORE 070 ³	CORE 070	Government/Political Science Core	3
CORE 070 ³	CORE 070	Government/Political Science Core	3
ACCT 2301 ³	CORE 090	Principles of Financial Accounting	3
ECON 2301 ³	CORE 090	Principles of Macroeconomics	3
ACCT 2302 ³	ACCT 2302	Principles of Managerial Accounting	3
MATH 1342 or BUSI 2305 ³	MATH 1342 or BUSI 2305	Elementary Statistical Methods or Business Statistics	3
			Subtotal 33

Texas A&M University - Central Texas (TAMUCT)					
BAAS Degree Requirements					
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 ⁵	Financial Management I	3	BUSI 4359	Business Strategy	3
MKTG 3301 or MKTG 3316 or MKTG 3318 ⁴	Marketing Consumer Behavior or Promotional Strategy	3	CIS 3365	System Analysis and Design	3
CIS 3330 or CIS 3331 or CIS 3332	C++ Programming Visual Basic Programming or Java Programming	3	CIS 4301	Database Theory and Practices	3
CIS 3347	Data Communications and Infrastructure	3	CIS 4341	Information Technology Security and Risk Management	3
					Subtotal 36
					Total 129

Notes/Comments	
TAMUCT only offers upper-level courses (those labeled 3XXX-5XXX), while all lower-level courses (those labeled 1XXX-2XXX) should be completed at Dallas College. A minimum of 120 semester credit hours is required for all baccalaureate degrees. Pathways may exceed 120 semester credit hours, as certain courses required 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.	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.
2.	Please choose one of the following: CETT 1407, ELPT 2449, HART 1407, RBTC 1405, RBTC 1451, WLDG 1471, WLDG 1428, WLDG 1430.
3.	The AAS does not fulfill all the lower-level courses required for the undergraduate degree. Students will need to complete the remaining lower-level courses at DC. Please discuss the consortium agreement procedure with a TAMUCT financial aid advisor .
4.	If a 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.
5.	Other field of study course may be used to satisfy requirement.