AAS – Aviation Science to BS – Aviation Science – Professional Pilot 2025-2026 Transfer Pathway

Central Texas College

AAS Degree Requirements

CTC	Course Name	SCH	TAMUCT	CTC	Course Name	SCH	TAMUCT
AIRP 1171[2]	Private Pilot Solo	1	*AIRP 1171*	ENGL 1301	Composition I	3	*CORE 010*
AIRP 1417[2]	Private Pilot Ground School	4	*AIRP 1417*	AIRP 2250[2]	Instrument Flight	2	*AIRP 2250*
AIRP 1307[2]	Aviation Meteorology	3	*AIRP 1307*	AIRP 1451[2]	Instrument Ground School	4	*AIRP 1451*
CORE 030	Life and Physical Science Core	4	*CORE 030*	GOVT 2305	Federal Government	3	*CORE 070*
AIRP 1215[2]	Private Flight	2	*AIRP 1215*	CORE 040	Language, Philosophy, and Culture Core	3	*CORE 040*
AIRP 1341[2]	Advanced Air Navigation	3	*AIRP 1341*	AIRP 2239[2]	Commercial Flight	2	*AIRP 2239*
AIRP 1305[2]	Aircraft Science	3	*AIRP 1305*	AIRP 2337[2]	Commercial Ground School	3	*AIRP 2337*
AIRP 1343[2]	Aerodynamics	3	*AIRP 1343*	AVIM 2331[2]	Airline Management	3	*AVIM 2331*
MATH 1314	College Algebra	3	*CORE 020*	ENGL 1302	Composition II	3	*CORE 010*
AIRP 1255[2]	Intermediate Flight	2	*AIRP 1255*	CORE 050	Creative Arts Core	3	*CORE 050*
AIRP 2355[2]	Propulsion Systems	3	*AIRP 2355*				
						Subtotal	**60**

Central Texas College or Texas A&M University – Central Texas

Additional Lower-Level Degree Requirements

Central Texas College	Texas A&M University – Central Texas	Course Name	SCH
CORE 030[1]	CORE 030	Life and Physical Sciences 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 080[1]	CORE 080	Social and Behavioral Sciences Core	3
ECON 2301[1]	CORE 090	Principles of Macroeconomics	3
ECON 2302[1]	CORE 090	Principles of Microeconomics	3
Any Level Elective[1,3]	Any Level Elective	Any Level Elective	3
		Subtotal	**24**

Texas A&M University - Central Texas

BS Degree Requirements

TAMUCT	Course Name	SCH	TAMUCT	Course Name	SCH
AVSC 3301	Air Carrier Operations	3	AVSC 3321[5]	Airline Management	3
AVSC 4308	Aviation Safety	3	AVSC 3307	Aviation History	3
AVSC 3302	Aviation Techniques of Instruction	3	BUSI 3301	Professionalism and Communication in Business	3
AVSC 4301	Aviation Law	3	MKTG 3301	Marketing	3
AVSC 4309	Aviation Security	3	MGMT 3350	Management and Organizational Behavior	3
AVSC 4302[4]	Advanced Aircraft Systems	3	AVSC 4395	Capstone – Professional Pilot (Crew Resource Management)	3
				Subtotal	**36**
				Total	**120**

Notes/Comments

TAMUCT offers upper-level courses (those labeled 3XXX-5XXX), while all lower-level courses (those labeled 1XXX-2XXX) should be completed at CTC. 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. 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 CTC. Please discuss the consortium agreement procedure with a TAMUCT financial aid advisor.
2. Please refer to the Technical Specialization Credit page for more information.
3. Any-level electives may be taken at CTC or TAMUCT. Please consult with an academic advisor prior to selecting any-level electives.
4. These courses may be taken during the summer.
5. The Federal Aviation Administration's test standard for all aviation-related courses is a minimum passing grade of 70%. All Aviation Science (AVSC) courses reflect that standard; a course grade below 70% is a course failure. This policy does not apply to management, marketing, and business courses taught through the College of Business Administration (COBA), from which several classes originate. Those classes have a passing grade of 60%.