

Bachelor of Science – Aviation Science – Professional Pilot

2026-2027 Transfer Guide

Texas A&M University–Central Texas

The courses outlined in this section provide a year-by-year guide for full-time students, fulfilling the requirements for the **Bachelor of Science Aviation Science in Professional Pilot** at Texas A&M University–Central Texas. All guides can be adjusted to accommodate the needs of part-time students. For the official degree requirements, please refer to the Texas A&M University–Central Texas [catalog](#).

BACHELOR OF SCIENCE AVIATION SCIENCE – PROFESSIONAL PILOT

YEAR 1	TOTAL HOURS:30
ELECTIVE ² – ASCI, AVIM, AIRP Elective	3 SCH
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ELECTIVE ² – ASCI, AVIM, AIRP Elective	3 SCH
ELECTIVE ² – ASCI, AVIM, AIRP Elective	3 SCH
ELECTIVE ² – ASCI, AVIM, AIRP Elective	3 SCH
ELECTIVE ² – ASCI, AVIM, AIRP Elective	3 SCH
ELECTIVE ² – ASCI, AVIM, AIRP Elective	3 SCH
ELECTIVE ² – ASCI, AVIM, AIRP Elective	3 SCH
YEAR 2	TOTAL HOURS:30
CORE 010 ¹ – Communications	3 SCH
CORE 010 ¹ – Communications	3 SCH
CORE 070 ¹ – Government/Political Science	3 SCH
CORE 040 ¹ – Language, Philosophy, and Culture	3 SCH
CORE 030 ¹ – Life and Physical Sciences	3 SCH
ELECTIVE ² – ASCI, AVIM, AIRP Elective	3 SCH
ELECTIVE ² – ASCI, AVIM, AIRP Elective	3 SCH
ELECTIVE ² – ASCI, AVIM, AIRP Elective	3 SCH
ELECTIVE ² – ASCI, AVIM, AIRP Elective	3 SCH
ECON 2301 – Principles of Macroeconomics (CORE 090)	3 SCH
YEAR 3	TOTAL HOURS:33
CORE 060 ¹ – American History	3 SCH
CORE 070 ¹ – Government/Political Science	3 SCH
CORE 030 ¹ – Life and Physical Sciences	3 SCH
CORE 020 ¹ – Mathematics	3 SCH
CORE 050 ¹ – Creative Arts	3 SCH
CORE 060 ¹ – American History	3 SCH
CORE 080 ¹ – Social and Behavioral Sciences	3 SCH
AVSC 3301 ⁴ – Air Carrier Operations	3 SCH
AVSC 4308 ⁴ – Aviation Safety	3 SCH
AVSC 3321 ⁴ – Airline Management	3 SCH
AVSC 4302 ⁴ – Advanced Aircraft Systems	3 SCH
YEAR 4	TOTAL HOURS:27
AVSC 3302 ⁴ – Aviation Techniques of Instruction	3 SCH
AVSC 4301 ⁴ – Aviation Law	3 SCH
AVSC 4309 ⁴ – Aviation Security	3 SCH
AVSC 4395 ⁴ – (WI) Capstone – Professional Pilot (Crew Resource Management)	3 SCH
AVSC 3307 ⁴ – Aviation History	3 SCH
CHOOSE ONE: CIS COURSE or	

COSC COURSE (CORE 090)	3 SCH
ELECTIVE ³ – Upper-Level Elective	3 SCH
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TOTAL CREDITS: 120 HOURS

NOTES

Texas A&M–Central Texas only offers upper-level courses (those labeled 3XXX-5XXX), all lower-level courses (those labeled 1XXX-2XXX) should be completed at the transferring institution. A minimum of 120 semester credit hours is required for all baccalaureate degrees. For help with transfer planning, please speak with an [academic advisor](#) or [enrollment specialist](#). ***This transfer guide is intended for planning and visualization purposes and is subject to change.***

1. Refer to the General Education Core Requirements [page](#) for more information on the CORE Requirement coursework.
2. Refer to Technical Specialization Credit [page](#) for more information.
3. Students should consult with an advisor to ensure their choice of an elective supports their academic and professional goals.
4. 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%.