



## AAS – Aircraft Powerplant Technology to BS – Aviation Science Aviation Management Maintenance 2022-2023 Transfer Pathway



AAS Degree Requirements							
Texas State Technical College							
TSTC	TAMUCT	Course Name	SCH	TSTC	TAMUCT	Course Name	SCH
AERM 1107 <sup>1</sup> , AERM 1109 <sup>1</sup> and AERM 1112 <sup>1</sup> or AERM 1315 <sup>1</sup>	WECM	Aviation Mathematics, Aviation Physics and Aviation Drawings	3	CORE 020	CORE 020	Mathematics Core	3
AERM 1203 <sup>1</sup>	WECM	Shop Practices	2	AERM 1240 <sup>1</sup>	WECM	Aircraft Propellers	2
AERM 1205 <sup>1</sup>	WECM	Weight and Balance	2	AERM 2341 <sup>1</sup>	WECM	Powerplant and Auxiliary Power Units	3
AERM 1208 <sup>1</sup>	WECM	Federal Aviation Regulations	2	AERM 2351 <sup>1</sup>	WECM	Aircraft Turbine Engine Overhaul	3
AERM 1210 <sup>1</sup>	WECM	Ground Operations	2	CORE 050	CORE 050	Creative Arts Core	3
AERM 1414 <sup>1</sup>	WECM	Basic Electricity	4	CORE 080	CORE 080	Principles of Macroeconomics	3
AERM 1351 <sup>1</sup>	WECM	Aircraft Turbine Engine Theory	3	AERM 2234 <sup>1</sup>	WECM	FAA Review – Powerplant	2
AERM 1357 <sup>1</sup>	WECM	Fuel Metering and Induction Systems	3	AERM 2352 <sup>1</sup>	WECM	Aircraft Powerplant Inspection	3
AERM 1444 <sup>1</sup>	WECM	Aircraft Reciprocating Engines	4	AERM 2447 <sup>1</sup>	WECM	Aircraft Reciprocating Engine Overhaul	4
AERM 1356 <sup>1</sup>	WECM	Aircraft Powerplant Electrical	3	CORE 060	CORE 060	American History Core	3
				ENGL 1301 or ENGL 2311	CORE 010	Composition I or Technical & Business Writing	3
<b>Subtotal</b>							<b>60</b>

Additional Lower-Level or Upper-Level Degree Requirements			
Texas State Technical College or Texas A&M University – Central Texas			
Texas State Technical College	Texas A&M University - Central Texas	Course Name	SCH
CORE 010 <sup>2</sup>	CORE 010	Communications Core	3
CORE 030 <sup>2</sup>	CORE 030	Life & Physical Science Core	3
CORE 030 <sup>2</sup>	CORE 030	Life & Physical Science Core	3
CORE 040 <sup>2</sup>	CORE 040	Language, Philosophy, and Culture Core	3
CORE 060 <sup>2</sup>	CORE 060	American History Core	3
CORE 070 <sup>2</sup>	CORE 070	Government/Political Science Core	3
CORE 070 <sup>2</sup>	CORE 070	Government/Political Science Core	3
ACCT 2301 <sup>2</sup>	CORE 090	Principles of Financial Accounting	3
ACCT 2302 <sup>2</sup>	CORE 090	Principles of Managerial Accounting	3
COCS 1301 <sup>2,3</sup>	Degree Requirement	Introduction to Computing	3
ECON 2302 <sup>2</sup>	Degree Requirement	Principles of Microeconomics	3
<b>Subtotal</b>			<b>33</b>

Upper-Level Degree Requirements					
Texas A&M University - Central Texas					
Texas A&M University - Central Texas	Course Name	SCH	Texas A&M University - Central Texas	Course Name	SCH
AVSC 4333 <sup>4</sup>	General Aviation and Corporate Business Aviation	3	AVSC 3310	Managing Maintenance Organizations and People (Managing Organizations and People)	3
BUSI 3311	Business Statistics	3	MGMT 3302	Personnel and Human Resource Management	3
BUSI 3301	Professionalism and Communication in Business	3	MKTG 3301	Marketing	3
MGMT 3301	Principles of Management	3	MGMT 4306	Employer and Labor Relations	3
AVSC 4396	Capstone – Aviation Management (Emergency Preparedness)	3	AVSC 4360	Aviation Maintenance Management – Global Perspective (Aviation Maintenance Management- Global Perspective)	3
AVSC 3350	Technical and Professional Communications for Aviation Maintenance Managers (Technical & Professional Communications)	3	AVSC 3300	Maintenance Department Personal and Team Leadership (Personal and Team Leadership)	3
<b>Subtotal</b>					<b>36</b>
<b>Total</b>					<b>129</b>

### 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 Texas State Technical College. For help with pathway planning, student should speak with an [academic advisor](#). *This pathway is intended for planning and visualization purposes only.*

1. TAMUCT will grant up to 33 credit hours of the lower-level requirements if a student can provide both an FAA issued Airframe and Powerplant license and if taken at an approved FAA Part 147 school. Refer to the Technical Specialization Credit [page](#) for more information.
2. Not all Degree Requirement courses are completed with the AAS. Students will need to complete these remaining lower-level courses at Texas State Technical College or by CLEP Examination. Please see the credit by examination [page](#) for more information. You may discuss the consortium agreement procedure with a TAMUCT [financial aid advisor](#).
3. Students may also fulfill this degree requirement by enrolling in CIS 3300 – Computer Technology and Impact.
4. These courses may be taken during the summer.

# Articulation Agreement Information

## Standard and Program to Program (P2P)

### Transfer of Credit & Student Benefits

- Aviation Science accepts between 33 and 42 semester credit hours of ASCI, AVIM, AERM, or AIRPelectives toward degree requirements based on available workforce/vocational and faculty approved electives. Review program specific plans for details.
- Credit for CLEP exams may be used for general academic core requirements.
- Students possessing a Private Pilot, Instrument Rating, and Commercial Pilots license may be eligible for up to 42 hours of lower division evaluated credit. Review program requirements for applicability.
- Students possessing an FAA Airframe and Power Plant license, may be eligible for up to 33 hours of lower division evaluated credit.

### Optional Partnership

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[Join Transfer Central](#) and receive exclusive access to resources designed to help you complete your bachelor's degree on time and with less debt:

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- Customized financial aid consultations
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## **Standard Agreement & P2P Agreement**

**Associate of Applied Science to Bachelor of Science**

### Program Admission Requirements

Undergraduate Admission Requirements:

- Minimum 2.0 cumulative transfer GPA on a 4.0 scale
  - Minimum 30 academic, college-level transferable hours\*
  - Must be eligible to return to all previously attended institutions
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- Applicants pursuing a Bachelor of Science in Aviation Science may meet this requirement utilizing select workforce education credit from an approved Associate of Applied Science (AAS) degree upon completion of 45 hours, to include all general education courses within the AAS.

### Program Specific Requirements

Aviation Science – Professional Pilot

- To complete the Aviation Science – Professional Pilot degree, students must possess a Commercial Pilots license.

Click to learn more about the Aviation Science degree options at A&M-Central Texas:

[Aviation Science – Professional Pilot](#)  
[Aviation Science – Aviation Management](#)

Get Connected. Meet in-person, virtually, or via the phone with an admissions counselor today. Click [HERE](#) to schedule an appointment convenient for you.