



**AAS. Aviation Technology: Professional Pilot-Airplane Specialty to  
Bachelor of Applied Arts and Sciences in Manufacturing and Industrial Management<sup>T</sup>**

**Guided Pathway  
2021-2022 Catalog**

**First Year - Tarrant County College District**

FIRST SEMESTER	SECOND SEMESTER
<b>AIRP 1451</b> - Instrument Ground School	<b>AIRP 2337</b> - Commercial Ground School
<b>AIRP 1307</b> - Aviation Meteorology	<b>AIRP 1301</b> - Air Navigation
<b>AIRP 1341</b> - Advanced Air Navigation	<b>AIRP 1343</b> - Aerodynamics
<b>AIRP 2270</b> - Instrument Flight, Helicopter*	<b>AIRP 1271</b> - Intermediate Flight, Helicopter*
<b>MATH 1314 (020)</b> - College Algebra <sup>C*</sup>	<b>ENGL 1301 (010)</b> - Composition I <sup>C</sup>
Total Semester Hours: 15	Total Semester Hours: 14

**Second Year - Tarrant County College District**

It's best to apply to Tarleton State University a full semester before you plan to transfer.

FIRST SEMESTER	SECOND SEMESTER
<b>AIRP 2271</b> - Commercial Flight, Helicopter (Capstone)*	<b>AIRP 1313</b> - Introduction to Aviation
<b>ARTS 1301 (050)</b> - Art Appreciation <sup>C*</sup>	<b>AIRP 2272</b> - Certified Flight Instructor - Helicopter *
<b>AIRP 1345</b> - Aviation Safety	<b>AIRP 1347</b> - Human Factors in Aviation
<b>GOVT 2305 (070)</b> - Federal Government (Federal Constitution & Topics) <sup>C*</sup>	<b>AIRP 2349</b> - Instructor Ground School
<b>AIRP 2333</b> - Aircraft Systems	<b>SPCH 1321 (010)</b> - Business and Professional Communication <sup>C*</sup>
<b>AVIM 2337</b> - Aviation Law	
Total Semester Hours: 17	Total Semester Hours: 14

**AAS: Aviation Technology: Professional Pilot-Airplane Specialty**

You will need to apply for the associate's degree at your community college. Contact your advisor there for more information.

**These courses may be completed at TCC (if offered) or TSU**

<sup>*C</sup> Life and Physical Science Core Elective (4 credits)	<sup>*C</sup> Life and Physical Science Core Elective (4 credits)
<sup>C</sup> HIST 1301 United States History I	<sup>C</sup> HIST 1302 United States History II
<sup>*C</sup> Social and Behavioral Science Core Elective	<sup>C</sup> GOVT 2306 Texas Government
<sup>*C</sup> Language, Philosophy and Culture Core Elective	<sup>*C</sup> Any 1 Credit Core Elective Course
<sup>C</sup> ENGL 1302 Composition II	MATH 1316 Plane Trigonometry OR MATH 1342 Elementary Statistical Methods
Total Semester Hours: 16	Total Semester Hours: 14

**Third Year – Tarleton State University**

FIRST SEMESTER	SECOND SEMESTER
Tarleton Course	Tarleton Course
Tarleton Course	Tarleton Course
Tarleton Course	Tarleton Course
Tarleton Course	Tarleton Course
Total Semester Hours: 12	Total Semester Hours: 12

**Fourth Year – Tarleton State University**

FIRST SEMESTER
Tarleton Course
Tarleton Course
Tarleton Course
Tarleton Course
Tarleton Course
Total Semester Hours: 15

Total Degree Hours: 129

**This is not an official degree plan. Check with an advisor; degree plans may change in later catalogs.**

Part-time students may also follow this sequence. Developmental coursework may be required.

\* You may take a different course to meet this requirement. A specific list is available from your advisor.

<sup>C</sup> This course counts for the Core Curriculum at any public college or university in Texas.

() Course numbers shown in parentheses are equivalent to these courses at Tarleton State University.

<sup>T</sup> Degree availability varies by campus; consult [www.tarleton.edu](http://www.tarleton.edu) for more information.