



BACHELOR OF APPLIED ARTS & SCIENCES  
Experience  
Discovery  
Collaboration  
Application

AAS. Aviation Maintenance Technology-Powerplant to  
Bachelor of Applied Arts and Sciences  
**Guided Pathway**  
2019-2020 Catalog

**First Year - Tarrant County College District**

FIRST SEMESTER	SECOND SEMESTER
AERM 1101 - Introduction to Aviation	AERM 1340 - Aircraft Propellers
AERM 1205 - Weight and Balance	AERM 1344 - Aircraft Reciprocating Engines
AERM 1208 - Federal Aviation Regulations	AERM 1351 - Aircraft Turbine
AERM 1303 - Shop Practices	AERM 1456 - Aircraft Powerplant Electrical
AERM 1310 - Ground Operations	SPCH 1321 (010) - Business and Professional Communication <sup>C*</sup>
AERM 1314 - Basic Electricity	
AERM 1315 - Aviation Science	

**Second Year - Tarrant County College District**

It's best to apply to UNT a full semester before you plan to transfer. It will help if you submit a copy of this pathway with your application.

FIRST SEMESTER	SECOND SEMESTER
GOVT 2305 (070) - Federal Government (Federal Constitution & Topics) <sup>C*</sup>	AERM 2351 - Aircraft Turbine Engine Overhaul
MATH 1314 (020) - College Algebra <sup>C*</sup>	AERM 2547 - Aircraft Reciprocating Engine Overhaul
ARTS 1301 (050) - Art Appreciation <sup>C*</sup>	AERM 2252 - Aircraft Powerplant Inspection (Capstone)
ENGL 1301(010) - Composition I <sup>C</sup>	AERM 2171 - Oral & Practical Exam, General
AERM 1357 - Fuel Metering & Induction Systems	AERM 2173 - Oral & Practical Exam, Powerplant

**AAS: Aviation Maintenance Technology-Powerplant**

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

**Third Year - University of North Texas**

FIRST SEMESTER	SECOND SEMESTER
<b>BAAS 3020</b> - Inquiry and Discovery	<b>BAAS 3000</b> – Pathways to Civic Engagement
<sup>C</sup> <b>Social and Behavioral Sciences</b>	<sup>C</sup> <b>Life and Physical Science</b>
<sup>C</sup> <b>Life and Physical Science</b>	<sup>C</sup> <b>HIST 2620</b> – US History since 1865 ( <b>HIST 1302</b> )
<b>LGAV 3100</b> – Introduction to the Aviation Industry	<b>LGAV 3120</b> – Aviation Safety Programs
<b>LGAV 3110</b> – Aviation Maintenance Programs	<b>LGAV 3130</b> – Air Cargo Planning & Control

**Fourth Year - University of North Texas**

FIRST SEMESTER	SECOND SEMESTER
<sup>C</sup> <b>Component Area Option</b>	<b>BAAS 4100</b> - Managing a 21 <sup>st</sup> Century Career
<sup>C</sup> <b>PSCI 2306</b> - US and Texas Constitutions and Institutions ( <b>GOVT 2306</b> )	<sup>C</sup> <b>Component Area Option 3XXX-4XXX</b>
<sup>C</sup> <b>Humanities Course</b>	<sup>C</sup> <b>HIST 2610</b> – US History to 1865 ( <b>HIST 1301</b> )
<b>LGAV 3140</b> – Air Passenger Planning & Control	<b>LSCM 3960</b> – Logistics & Supply Chain Mgmt.
<b>LGAV 3150</b> – Aviation Law, Public Policy Reg.	<b>OPSM 3830</b> – Operations Management

**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 UNT.

**UNT Concentrations:**

This plan illustrates one possible concentration. However, there are other possible concentrations that can be selected in conjunction with your academic advisor.

For questions about the University portion of this degree plan, contact the UNT Applied Arts and Sciences Unit Office at (940) 369-8129, [baas@unt.edu](mailto:baas@unt.edu) <http://baas.unt.edu>