***AAS in* Maintenance Technology (Powerplant) *(60 hours)***

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

**First Year – Tarrant Country College**

|  |  |  |
| --- | --- | --- |
| **FALL TERM** | **SPRING TERM** | **SUMMER TERM** |
| AERM 1101 - Introduction to Aviation | AERM 1340 - Aircraft Propellers | ENGL 1301 - Composition I + |
| AERM 1205 - Weight and Balance | AERM 1344 - Aircraft Reciprocating Engines | General Education - College Level Mathematics Elective Semester Hours: |
| AERM 1208 - Federal Aviation Regulations |
| AERM 1303 - Shop Practices | AERM 1351 - Aircraft Turbine Engine Theory | General Education - Social/Behavioral  Science  **OR**  General Education –  Government/Political  Science Elective Semester Hours |
| AERM 1310 - Ground Operations | AERM 1456 - Aircraft Powerplant Electrical |
| AERM 1314 - Basic Electricity | General Education - Speech & Communication Skills Elective Semester | General Education - Creative  Arts/Language, Culture &  Philosophy Elective |
| AERM 1315 - Aviation Science |
| **Total Semester Hours: 17** | **Total Semester Hours: 16** | **Total Semester Hours: 12** |

**Second Year – Tarrant Country College**

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.

|  |  |
| --- | --- |
| **FALL TERM** | **SPRING TERM** |
| AERM 1357 - Fuel Metering and Induction Systems | AERM 2171 - Oral and Practical Exams, General |
| AERM 2351 - Aircraft Turbine Engine Overhaul |
| AERM 2547 - Aircraft Reciprocating Engine Overhaul | AERM 2173 - Oral and Practical Exams, Powerplant |
| AERM 2252 - Aircraft Powerplant Inspection (Capstone) |
| **Total Semester Hours: 12** | **Total Semester Hours: 6** |

***BAAS: Applied Arts & Sciences***

Upon admittance into the University of North Texas, students pursuing the Bachelor of Applied Arts & Sciences degree will need to complete *a minimum of 60 credit hours* to meet the 120-hour requirement for this degree program. Of those 60 hours, 36 hours must be advanced-level (3000-4000 level) and 24 of the 36 advanced hours must be completed in residence at UNT. A total of 30 hours must be completed at UNT to meet the university’s residency requirement.

A diagram of a pyramid

Description automatically generated

Students will select professional development concentrations and/or a focus area in consultation with a CACS advisor. Please contact the College of Applied and Collaborative Studies Advising Office at [CACS@unt.edu](mailto:CACS@unt.edu) for assistance regarding customized concentrations and focus area options, and unofficial degree plans.

**This is not an official degree plan***.* **Check with a Collin College and UNT CACS 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.
* **C**This course counts for the Core Curriculum at any public college or university in Texas
* Limited Focus Area options and number of advanced hours vary between (15-24 hours)