



AAS – Aviation Maintenance – Airframe Applied Technology to
Bachelor of Applied Arts and Sciences
Manufacturing and Industrial Management
General Concentration
Guided Pathway
 Effective for the 2018-2019 Catalog



First Year – Del Mar College

| FIRST SEMESTER | SECOND SEMESTER |
|----------------------------------------|---------------------------------------|
| AERM 1208 Federal Aviation Regulations | AERM 1205 Weight and Balance |
| AERM 1303 Shop Practices | AERM 1310 Ground Operations |
| AERM 1315 Aviation Sciences | AERM 1241 Wood, Fabric, and Finishes |
| AERM 1314 Basic Electricity | AERM 1345 Airframe Electrical Systems |
| C ENGL 1301 Composition I | |

Total Semester Hours: 14

Total Semester Hours: 10

Second Year – Del Mar College

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

| FIRST SEMESTER | SECOND SEMESTER |
|----------------------------------------------------|------------------------------------------------|
| AERM 1243 Instruments & Navigation / Communication | AERM 1350 Landing Gear Systems |
| AERM 2233 Assembly and Rigging | AERM 1254 Aircraft Composites |
| AERM 1253 Aircraft Welding | AERM 1349 Hydraulic , Pneumatic & Fuel Systems |
| C PHYS 1305 Introductory to Physics I * | AERM 1352 Aircraft Sheet Metal |
| | C HIST 1301 United States History I * |

Total Semester Hours: 9

Total Semester Hours: 14

| THIRD SEMESTER | |
|------------------------------------------------|------------------------------------------------------------|
| AERM 1347 Airframe Auxiliary Systems | AERM 2259 Advanced Composite Repair |
| AERM 2231 Airframe Inspection | C SPCH 1311 Introduction to Speech Communications * |
| C SOCI 1301 Introduction to Sociology * | |

Total Semester Hours: 13

AAS: Aviation Maintenance –Airframe Applied Technology

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

Third Year – Tarleton State University

| FIRST SEMESTER | SECOND SEMESTER |
|------------------------------------------------------------|-----------------------------------------------------------------|
| ENGT 3318 Research & Reporting for Technologists | Advanced ENGT Course |
| Advanced ENGT Course | ENGT 3395 Project Management |
| Advanced ENGT Course | MATH 1316 Plane Trigonometry or MATH 1342 Elementary Statistics |
| C *Life and Physical Science Core Elective | Advanced ENGT Course |
| C *Math Core Elective | C *Life and Physical Science Core Elective |
| SUMMER | |
| C ENGL 1302 Composition II | C *GOVT 2306 Texas Government |
| C *Language, Philosophy & Culture Core Elective | |

Fourth Year - Tarleton State University

| FIRST SEMESTER | SECOND SEMESTER |
|---------------------------------------|---------------------------------------------|
| ENGT 3375 Continuous Improvement | Advanced Elective Course |
| Advanced ENGT Course | Advanced Elective Course |
| Advanced Elective Course | C HIST 1302 United States History II |
| Advanced Elective Course | Advanced ENGT Course |
| C *Creative Arts Core Elective | C GOVT 2305 Federal Government |

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.

C 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.