



AAS – Aviation Maintenance – Airframe Applied Technology to
Bachelor of Applied Arts and Sciences
Manufacturing and Industrial Management
Industrial Management 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
^CENGL 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
^CPHYS 1305 Introductory to Physics I*	AERM 1352 Aircraft Sheet Metal
	^CHIST 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	^CSPCH 1311 Introduction to Speech Communications*
^CSOCI 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	ENGT 4336 Production Planning
ENGT 3375 Continuous Improvement	ENGT 3395 Project Management
ENGT 3386 Quality Management	MATH 1316 Plane Trigonometry or MATH 1342 Elementary Statistics
^C*Life and Physical Science Core Elective	ENGT 4346 Manufacturing Management
^C*Mathematics Core Elective	^C*Life and Physical Science Core Elective
SUMMER	
^CENGL 1302 Composition II	^C*Creative Arts Core Elective
^C*GOVT 2306 Texas Government	

Fourth Year - Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
ENGT 4347 Metrics and Measurement (Fall Only)	Advanced Elective Course
Advanced ENGT Course	Advanced Elective Course
Advanced Elective Course	^CHIST 1302 United States History II
Advanced Elective Course	Advanced ENGT Course
^C*Language, Philosophy & Culture Core Elective	^CGOVT 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.