



AAS – Aviation Maintenance – Power Plant Applied Technology to  
**Bachelor in Applied Arts and Sciences, Manufacturing  
 and Industrial Management**  
**Industrial Management Concentration**  
**Guided Pathway**  
 Effective for the 2018-2019 Catalog



**First Year – Del Mar College 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 1444 Aircraft Reciprocating Eng.
AERM 1314 Basic Electricity	AERM 1357 Fuel Metering and Introduction Systems
<sup>C</sup> ENGL 1301 Composition I	<sup>C</sup> SPCH 1311 Introduction to Speech Communications

Total Semester Hours: 14

Total Semester Hours: 15

**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
<sup>C</sup> PHYS 1305 Introductory Physics*	AERM 2447 Aircraft Reciprocating Eng. Overhaul
<sup>C</sup> PHIL 1301 Introductory Philosophy*	AERM 1340 Aircraft Propellers
<sup>C</sup> HIST 1301 United States History I*	AERM 1351 Aircraft Turbine Eng. Theory
	AERM 1456 Aircraft Power Plant Electric

Total Semester Hours: 9

Total Semester Hours: 14

THIRD SEMESTER
AERM 2352 Aircraft Power Plant Inspect
AERM 2351 Aircraft Turbine Engineering & Overhaul
AERM 2264 Practicum (or Field Exp.) – Airframe Mech. And Aircraft Maintenance Technology / Tech.

Total Semester Hours: 8

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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 <b>OR</b> MATH 1342 Elementary Statistics
<sup>C</sup> *Life and Physical Science Core Elective	ENGT 4346 Manufacturing Management
<sup>C</sup> *Mathematics Core Elective	<sup>C</sup> *Life and Physical Science Core Elective
SUMMER	
<sup>C</sup> ENGL 1302 Composition II	<sup>C</sup> *Creative Arts Core Elective
<sup>C</sup> 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	<sup>C</sup> HIST 1302 United States History II
Advanced Elective Course	Advanced ENGT Course
<sup>C</sup> *Social and Behavioral Sciences Core Elective	<sup>C</sup> 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.
- <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.