



AAS. Aviation Maintenance Technology-Powerplant to
Bachelor of Applied Arts & Sciences Degree
Technology Concentration
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 ^{C*}
AERM 1314 - Basic Electricity	
AERM 1315 - Aviation Science	

Second Year - Tarrant County College District

It's best to apply to Midwestern State University 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) ^{C*}	AERM 2351 - Aircraft Turbine Engine Overhaul
MATH 1314 (020) - College Algebra ^{C*}	AERM 2547 - Aircraft Reciprocating Engine Overhaul
ARTS 1301 (050) - Art Appreciation ^{C*}	AERM 2252 - Aircraft Powerplant Inspection (Capstone)
ENGL 1301(010) - Composition I ^C	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 - Midwestern State University Technology Concentration

FIRST SEMESTER	SECOND SEMESTER
[°] ENGL 1153 (1302) Academic Writing & Lit	[°] Life & Physical Science
[°] Life & Physical Science	[°] HIST 1233 (1302) U.S. History since 1865
[°] POLS 1333 (GOVT 2306)*	[°] Undergraduate Inquiry
[°] HIST 1133 (1301) U.S. History from 1865	[°] Cultural & Global Understanding
Computer Science	[°] Social & Behavioral Science
Lang, Phil& Culture Core	

Fourth Year - Midwestern State University Technology Concentration

FIRST SEMESTER	SECOND SEMESTER
TECH 3103 – Safety Technology	TECH 4103 - Innovation
TECH 3113 – Quality Technology	TECH 4113 – Facilities Design
TECH 3133 – Manufacturing Technology	TECH 4123 – Energy Technology
TECH 3143 – Production Planning	TECH 4133 – Construction Technology
TECH 3153 – Project Planning	BAAS 3113, Internship or Elective Course
TECH 3163 – Supply Technology	BAAS 4113 - Capstone

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.

[°] 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 Midwestern State University.

*For questions about the University portion of this pathway,
Contact the BAAS Office at [940] 397-4400 or email: baas@msutexas.edu.*