

Aviation Maintenance Technology (AM43)

Associate of Applied Science Degree

This eMap, along with regular meetings with your program advisor and using DegreeWorks, will help you remain on track to finish your program as quickly as possible and graduate from Georgia Northwestern Technical College. This eMap is intended to be used when beginning the program in Fall semester. Starting the program in Spring or Summer semesters may alter the suggested courses or course availability. This eMap is based on the 2026-2027 academic year.



PRE-OCCUPATIONAL CURRICULUM (15 Hours)

Please note: Pre-occupational curriculum must be completed prior to moving into occupational courses.

1 st set of suggested courses			
Course		Hours	Completed
ENGL 1101	Composition and Rhetoric	3	☐
XXXX xxxx	Social/Behavioral Science Elective	3	☐
MATH 1111	College Algebra	3	☐
XXXX xxxx	Humanities/Fine Arts Elective*	3	☐
XXXX xxxx	General Education Core Elective	3	☐

MATH 1111 – College Algebra is the recommended course. Other options may fulfill this math requirement. *MUSC 1101 may be available option due to prerequisite requirements.

Aviation Maintenance Technology AAS planning notes:

- Pre-occupational courses can be completed at any available campus or online. Occupational curriculum must be completed at the Aviation Maintenance Training Center in Rome, GA.
- Must meet FAA General Eligibility Requirements:
 - Be at least 18 years of age
 - Be able to read, write, speak, and understand the English language, or in the case of an applicant that does not meet this requirement and who is employed outside of the United States by a U.S. air carrier, have his/her certificate endorsed "Valid only outside the United States"
- Must attend Program Familiarization (Pro Fam) session at the Aviation Training Center in Rome, GA.
- Must sit for the Mechanical Comprehension Assessment (administered only at GNTC Aviation Training Center)
 - Should already be accepted as a GNTC student.
 - Must schedule appointment for examination.
- Additional uniform and tool requirements needed for this program. Packets and information available from Aviation Training Center.
- Textbooks and related materials for occupational courses can be purchased at <https://www.actechbooks.com/gntc.html>.

For additional information regarding the program, please contact Program Director, Zac Fager (zfager@gntc.edu).

Deadline Dates

If you wish to be considered for entry into the Aviation Maintenance AAS occupational courses, you must have all pre-occupational courses completed, must submit application packet, and must have eligible ProFam attendance (within one year of applying).

- **For Fall Entry, applications must be completed by no later than May 1st**
- **For Spring Entry, applications must be completed by no later than October 1st**

Additional information for the Aviation Maintenance Technology AAS and program requirements can be found at [GNTC 2026-2027 Catalog](#).

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OCCUPATIONAL CURRICULUM (81 Hours)

1 st set of suggested courses			
Course		Hours	Completed
AVMT 1001	Aviation Mathematics	2	☐
AVMT 1211	Aviation Physics	2	☐
AVMT 1026	Aircraft Applied Sciences II	4	☐
AVMT 1031	Aircraft Electricity & Electronics	5	☐
AVMT 1011	Aircraft Maintenance Regulations	3	☐

2 nd set of suggested courses			
Course		Hours	Completed
AVMT 1021	Aircraft Applied Science I	5	☐
AVMT 2026	Airframe Non-Metallic Structures	3	☐
AVMT 2021	Airframe Sheet Metal	4	☐
AVMT 2041	Airframe Assembly & Rigging	2	☐

3 rd set of suggested courses			
Course		Hours	Completed
AVMT 2061	Aircraft Hydraulic & Pneumatic Systems	2	☐
AVMT 2071	Aircraft Landing Gear Systems	4	☐
AVMT 2086	Aircraft Fuel & Instrument Systems	3	☐
AVMT 2081	Aircraft Environmental Control Systems	3	☐

4 th set of suggested courses			
Course		Hours	Completed
AVMT 2091	Aircraft Electrical Systems	5	☐
AVMT 2096	Aircraft Communication & Navigation Systems	3	☐
AVMT 2051	Airframe Inspection	2	☐

5 th set of suggested courses			
Course		Hours	Completed
AVMT 2211	Reciprocating Engine Powerplants	4	☐
AVMT 2231	Gas Turbine Powerplants	4	☐
AVMT 2261	Aircraft Engine Fuel & Fuel Metering Systems	4	☐
AVMT 2271	Powerplant Inst., Fire Protection & Elec. Sys.	3	☐

6 th set of suggested courses			
Course		Hours	Completed
AVMT 2276	Powerplant Ignition & Starting Systems	4	☐
AVMT 2281	Aircraft Powerplant Accessory Systems	3	☐
AVMT 2286	Aircraft Propeller Systems	3	☐
AVMT 2251	Aircraft Engine Inspection	2	☐

Total Credit Hours: 96 Minimum Credit Hours Required for Graduation

*This pathway is for fall entry into occupational curriculum. Course sequence may be altered if you enter during the spring semester.

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