

Aviation Maintenance Technician Power Plant (AM61) Certificate

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.



1st 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	☐

2nd set of suggested courses

Course	Hours	Completed
AVMT 1021 Aircraft Applied Science I	5	☐
AVMT 2091 Aircraft Electrical Systems	5	☐
AVMT 2096 Aircraft Communication & Navigation Systems	3	☐
AVMT 2051 Airframe Inspection	2	☐

3rd 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	☐

4th 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: 48 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.

Aviation Maintenance Technician Certificate planning notes:

- 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 program occupational courses, you must have all basic skills 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 Diploma and program requirements can be found at [GNTC 2026-2027 Catalog](#).