

# Automotive Technology (AT23)

## Associate of Applied Science eMap



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 2024-2025 academic year.

Please note: Students interested in the Automotive Technology Diploma (AT14) who are receiving the HOPE Scholarship should be placed in the Automotive Technology Degree (AT23) to be awarded to most financial aid. Please contact Program Advisor, Troy Peco, with any questions.

1 <sup>st</sup> set of suggested courses			
Course		Hours	Completed
AUTT 1010	Automotive Technology Introduction	2	<input type="checkbox"/>
AUTT 1020	Automotive Electrical Systems	7	<input type="checkbox"/>
AUTT 1030	Automotive Brake Systems	4	<input type="checkbox"/>

AUTT 1020 is the recommended course. Additional courses may be available to meet that requirement but may extend length of program. See Course Catalog for more info.

2 <sup>nd</sup> set of suggested courses			
Course		Hours	Completed
AUTT 2010	Automotive Engine Repair	6	<input type="checkbox"/>
AUTT 1040	Automotive Engine Performance	7	<input type="checkbox"/>
AUTT 2030	Automotive Automatic Transmissions and Transaxles*	5	<input type="checkbox"/>

AUTT 2010 and AUTT 1040 are the recommended courses. Additional courses may be available to meet that requirement but may extend length of program. See Course Catalog for more info.

\*Course is offered in the evening.

3 <sup>rd</sup> set of suggested courses			
Course		Hours	Completed
AUTT 1050	Automotive Suspension and Steering Systems	4	<input type="checkbox"/>
AUTT 1060	Automotive Climate Control Systems	5	<input type="checkbox"/>

Additional information for the Automotive Technology AAS Degree and program requirements can be found at [GNTC 2024-2025 Catalog](#).

Georgia Northwestern Technical College is a unit of the Technical College System of Georgia and an Equal Opportunity Institution. Georgia Northwestern Technical College is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award associate degrees.

4 <sup>th</sup> set of suggested courses			
Course		Hours	Completed
AUTT 2020	Automotive Manual Drive Train and Axles	4	<input type="checkbox"/>
ENGL 1101	Composition and Rhetoric	3	<input type="checkbox"/>
MATH 1111	College Algebra	3	<input type="checkbox"/>
COMP 1000	Introduction to Computer Literacy	3	<input type="checkbox"/>
XXXX xxxx	Social/ Behavioral Sciences Elective	3	<input type="checkbox"/>

MATH 111 is the recommended course. Additional courses may be available to meet that requirement. See Course Catalog for more info.

5 <sup>th</sup> set of suggested courses			
Course		Hours	Completed
XXXX xxxx	Humanities/ Fine Arts Elective	3	<input type="checkbox"/>
XXXX xxxx	General Education Core Elective	3	<input type="checkbox"/>

### Total Credit Hours: 62 Minimum Credit Hours Required for Graduation

#### Automotive Technology AAS Degree Planning Notes:

- This program cannot be completed in the evening only. Day and evening courses are required throughout the program.
- Textbooks, along with the following supplies will be required for the program. Contact Program Advisor, Troy Peco, for detailed list of supplies and purchasing recommendations.
  - An automotive uniform: navy pant w/ navy button up shirt OR navy pants w/navy GNTC t-shirt (hat is optional).
  - Tools which meet industry standards quality; drive sets (multiple sizes required), wrenches, screwdriver sets, pliers, miscellaneous items. Full list with details can be obtained from Program Advisor. Tools are needed by the second month of class.
- If courses are taken in the suggested order, student will earn the following Certificates:
  - Auto Electrical/Electronic Systems Technician (AE41) Certificate at the end of the 1<sup>st</sup> set
  - Automotive Engine Performance Technician (AE51) Certificate and Automotive Engine Repair Technician (AE61) Certificate at the end of the 2<sup>nd</sup> set
  - Automotive Chassis Technician Specialist (ASG1) Certificate and Automotive Climate Control Technician (AH21) Certificate at the end of the 3<sup>rd</sup> set of courses
  - Automotive Transmission/ Transaxle Tech Specialist (AA71) Certificate at the end of the 4<sup>th</sup> set